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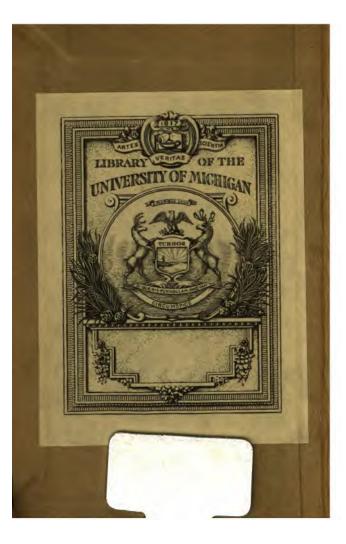
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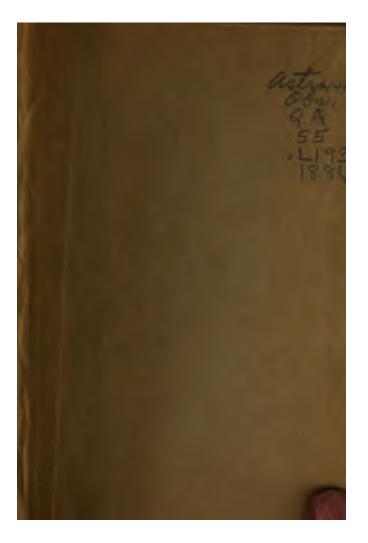
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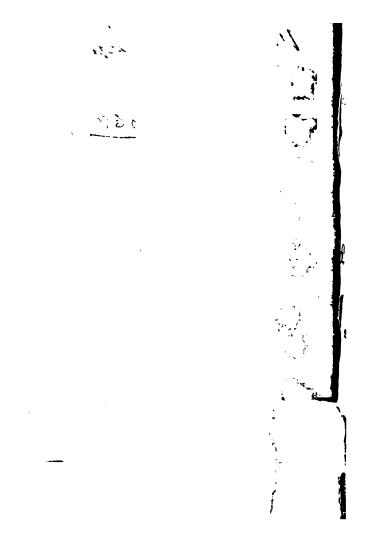
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Michrity of Michigan
Le Français
oseph Bérôme de Lasande (5)
80068

Tafeln

der fünfftelligen

Legarithmen.

Bi.. ., neu bearbeitete Stereotyp - Ausgabe,

Sechste Auflage.

a in Leipzig,

Berlag von Otto Holbe.

1886.

Leipzig, Drud von Menger & Bittig.

Borwort.

Die hier vorliegende neue Ausgabe der ebenso beliebten als bekannten Lalandischen Logarithmentaseln tritt in wesentlich veränderter und wie man hofft verbesserter Korm vor das mathematische Bublikum.

Ursprünglich enthielten biese Tafeln ihrem eigentliden Zwede entsprechend nur Logarithmen. Erft in
ben von H. G. Abhler besorgten Ausgaben (18271844. 1849.) wurden die Gaußischen Abbitions und
Subtraction logarithmen, Taseln aus der Physit und
Chemie so wie Formelntaseln, mit ausgerommen. In
Der jeht erscheinenden vierten Ausgabe hat man alle diese
jum Theil fremdartigen Zusäte wieder beseitigt und den
badurch gewonnenen Raum zur Erweiterung der Logarithmen der goniometrischen Functionen benutt.

Raum burfte es nöthig icheinen, die Entfernung ber ber Phyfit und Chemie angehörigen Taseln zu rechtertigen. Eine große Menge von phyfitalischen namentlich der chemischen Zahlenangaben ersahren bei bem talchen Fortschrit bieser Wiffenschaften so ichneu hintereinander Berbesterungen, daß sie schon nach kurzer Zeit veraltet sind. Die Stereotypirung berselben ift sonach shne Zweitel kein praktisches Unternehmen gewesen.

Andere tonnte man bagegen urtheilen über bie etfolgte Bieberbeseitigung ber Gaufischen Logarithmen. Allerdings foll nicht in Abrede gestellt werben, bag sie in einzelnen Fällen fehr gute Dienste leiften tonnen, wie & B. bei ber Auflösung von höheren Gleichungen

1

mit brei Gliebern nach ber Gaußischen Methobe. Allein ibr eigentlicher Zwed, bie Logarithmen ber Summe ober Differen zweier Zahlen aus ben Logarithmen biefer Zahlen jelbft zu finden, wird ohne sie auf bem gewöhnlichen Wege saft ebenso schnell und bequem erreicht. Benigstens hat eine gehaltene Umfrage bei einer Anzahl von Mathematitern und namentlich solchen, die oft mit numerischen Rechnungen beschäftigt waren, keinerlei Bedauern barüber tundgegeben, wenn diese Logarithmen allenthalben wieder beseitigt würden.

Der auf biese Beise erlangte Raum wurde bazu benutt, die Logarithmen ber Sinusse und Cangenten beziehentlich Cosinusse und Cotangenten für die ersten und letten 13 Grade bes Quadranten anfangs von verlunde zu Setunde, später von 10 zu 10 Setunden aufzunehmen, Logarithmen, welche sich in jeder größeren Tasel ohne Ausnahme finden. Durch diesen Zusat hat die Tasel vorzüglich für diesenigen sehr gewonnen, welche sie nicht blos zum Schulgebrauche, sondern auch

für prattifche 3mede verwerthen wollen.

So mag benn bas bescheibene Buchlein aufs Reue in alle Welt geben und in seinem neuen Gewande fich nicht blos bie alten Freunde erhalten, sondern auch neue zu erwerben suchen.

Leipzig, im Februar 1868.

Dr. Rarl Benm.

Borwort zur zweiten Auflage

ber vierten Stereotypausgabe.

Die Lalanbe'ichen Tafeln haben auch in ihreruen Gestalt wieber jo viel Theilnahme gefunben, baß bereits jeht zur Beranstaltung eines neuen Abbruckes berselben verschritten werben tonnte.

Um bem Bunide einiger Schulmanner, beren Schiler burch bie alteren Ausgaben bes Buches an ben Gebrauch ber Gau fifchen Legarithmen gewöhnt waren, ju genügen, find biefe Tafeln jeht, gewiffermaßen als Anhang, wieber mit aufgenommen, ber Breis ieboch baburch nicht erbobt worben.

Leipzig, im April 1870.

Dr. Rarl Benm.

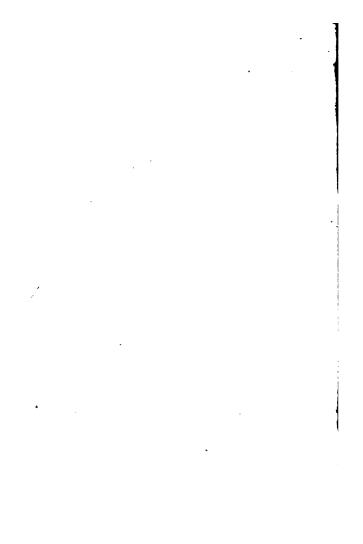
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2 ogarithmen

der Zahlen

von 1 bis 10000.



	0.0'0"	-		lo. o' 3o		-	0.1'0"	7
N.	Log		N.	Log.		N.	Log.	
O	inf. neg.		30	1.47712		60	1.77815	1
1	0.00000	- 11	31	1.49136			1.78538	
2	0.30103	- 1	32	1.50515	1 1	62	1.79239	l
3	0.47712		33	1.51851		63	1.79934	
4	0.60206	1	34	1.53148	1 1	64	1.80618	
5	0.69897		35	1.54407	1	65	1.81291	
6	0.77815		36	1.55630		66	1.81954	
7	0.84510	1	37	1.56820	1	67	1.82607	
8	0.90309		38	1.57978		68	1.83251	
9	0.95424		39	1.59106		69	1.83885	
10	1.00000	- 1	40	1.60206	1	70	1.84510	1
11	1.04139	- 1	41	1.61278	1	71	1.85126	
12	1.07918	- 11	42	1.62325		72	1.85733	
l3	1.11394		43	1.63347	l	73	1.86332	
14	1.14613	- 1	44	1.64345		-74	1.86923	
15	1.17609	. 1	45	1.65321		75	1.87506	1
16	1.20412	- 1	46	1.66276		76	1.88081	
17	1.23045		47	1.67210	'	77	1.88649	
18	1.25527	- 1	48	1.68124		78	1.89209	-
19	1.27875		49	1.69020		79	1.89763	
20	1.30103		50	1.69897	i	80	1.90309	
21	1.32222		51	1.70757		81	1.90849	
22	1.34242		52	1.71600		82	1.91881	
23	1.86173	- 1	53	1.72428		83	1.91908	
24	1.38021	- 11	54	1.73239		84	1.92428	
25	1.39794	H		1.74036		85	1.92942	
26	1.41497	- 11	56	1.74819		86	1.93450	1
27	1.43136	- 11	57	1.75587		87	1.93952	
28	1.44716	ı li		1.76343		88	1.94448	
29	1.46240	1	, 59	1.77085		89	1.94939	۱. ا
30	1.47712	H	60	1.77815		90	1.95424	

_				-			
N.	0. 1' 80' Log.	N.	0. 2' 0' Log.		N.	0. 2' 30" Log.	
-	1.95424	120	2.07918		150	2.17609	
	1.95904		2.08279	1 1		2.17898	
	1.96379		2.08636	H		2.18184	
	1.96848	123	2.08991			2.18469	!
	1.97313		2.09342			2.18752	
	1.97772		2.09691	li		2.19033	
	1.98227	126	2.10037			2,19312	
	1.98677		2.10380			2.19590	
	1.99123		2.10721			2.19866	
	1.99564	129	2.11059		159	2.20140	
	2.00000		2.11394	1 1		2.20412	
101	2.00432	131	2.11727		161	2.20683	
102	2.00860	132	2.12057		162	2.20952	
108	2.01284	183	2.12385			2.21219	
104	2.01703	134	2.12710		164	2.21484	
105	2.02119	135	2.13033		165	2.21748	
106	2.02531	136	2.13354		166	2.22011	
107	2.02938	137	2.13672		167	2.22272	
108	2.03342	138	2.13988	1	168	2.22581	
	2.03743		2.14301			2.22789	
110	2.04139	140	2.14613		170	2.23045	
111	2.04582		2.14922			2.23300	
	2.04922		2.15229			2.23553	
113	2.05308	143	2.15534			2.23805	
	2.05690		2.15836			2.24055	
	2.96070		2.16137			2.24304	
	2.06446	4	2.16435			2.24551	
	2.06819		2.16732	H		2.24797	
	2.07188		2.17026	H		2.25042	
	2.07555		2.17319			2.25285	
120	2.07918	II 150	2.17609		180	2.25527	

N.	Log.	N.	0. 3' 30" Log.	N.	0. 4' 0" Log.	
	2.25527		2.32222		2.38021	
	2.25768		2.32428 2.32634		2.38202 2.38382	
	2.26245		2.32838		2.88561	
	2.26482		2.33041 2.33244		2.38739 2.38917	
	2.26951		2.33445		2.39094	
	2.27184	11	2.33646		2.39270 2.39445	
189	2.27646		2.34044		2.39620	
	2.27875		2.34242 2.34439		2.89794 2.39967	
	2.28330	222	2.34635		2.40140	
	2.28556 2.28780		2.34830 2.35025		2.40312 2.40483	
	2.29003	225	2.35218		2.40654	
	2.29226 2.29447		2.35411		2.40824 2.40993	
	2.29667	228	2.85793		2.41162	
	2.29885		2.35984		2.41830 2.41497	
	2.30320	231	2.36861	261	2.41664	
	2.30535 2.30750		2.36549 2.36786		2.41830 2.41996	
	2.30963	234	2.36922		2.42160	
	2.31175	u	2.37107 2.37291		2.42325 2.42488	
	2.31597	237	2.87475	267	2.42651	
	2.81806 2.82015	11	2.37658 2.37840	 	2.42813 2.42975	
	2.32222		2.38021		2.48186	

	11. Edition 2	
N. 0.4 30 Log.	N. Log.	N. Log.
270 2.43136	800 2.47712	330 2.51851
271 2.43297	801 2.47857	331 2.51983
272 2.43457	802 2.48001	832 2.52114
273 2.43616	303 2.48144	838 2.52244
274 2.43775	804 2.48287	884 2.52875
275 2.43933	305 2.48430	885 2.52504
276 2.44091	306 2.48572	336 2.52634
277 2.44248	807 2.48714	837 2.52763
278 2.44404	308 2.48855	338 2.52892
279 2.44560	309 2.48996	239 2.53020
280 2.44716	810 2.49136	340 2.53148
281 2.44871	811 2.49276	341 2.53275
282 2.45025	312 2.49415	842 2.53408
283 2.45179	813 2.49554	843 2.53529
284 2.45332	814 2.49693	844 2.53656
285 2.45484	815 2.49831	845 2.53782
286 2.45637	816 2.49969	346 2.53908
287 2.45788	317 2.50106	847 2.54033
288 2.45939	318 2.50243	848 2.54158
289 2.46090	319 2.50379	349 2.54283
290 2.46240	320 2.50515	350 2.54407
291 2.46389	321 2.50651	851 2.54581
292 2.46538	822 2.50786	352 2.54654
293 2.46687	823 2.50920	858 2.54777
294 2.46835	324 2.51055	354 2.54900
295 2.46982	825 2.51188	855 2.55023
296 2.47129	326 2.51322	356 2.55145
297 2.47276	327 2.51455	857 2.55267
298 2.47422	328 2.51587	258 2.55388
299 2.47567	829 2.51720	859 2.55509
300 2.47712	320 2.51851	360 2.55630

N. 0. 6' 0" Log.	N. 0. 6' 30'	N. Log.
360 2.55630	890 2.59106	420 2.62325
361 2.55751	891 2.59218	421 2.62428
862 2.55871	392 2.59829	422 2.62581
363 2.55991	393 2.59439	423 2.62684
364 2.56110	894 2.59550	424 2.62787
365 2.56229	295 2.59660	425 2.62889
366 2.56348	396 2.59770	426 2.62941
367 2.56467	397 2.59879	427 2.63048
368 2.56585	898 2.59988	428 2.68144
369 2.56708	399 2.60097	429 2.63246
370 2.56820	400 2.60206	430 2.63347
371 2.56987	401 2.60814	481 2.68448
872 2.57054	402 2.60428	432 2.63548
373 2.57171	403 2.60531	433 2.63649
374 2.57287	404 2.60638	434 2.63749
375 2.57403	405 2.60746	485 2.68849
376 2.57519	406 2.60853	486 2.68949
377 2.57634	407 2.60959	437 2.64048
278 2.57749	408 2.61066	438 2.64147
379 2.57864	409 2.61172	439 2.64246
380 2.57978	410 2.61278	440 2.64345
381 2.58092	411 2.61384	441 2.64444
382 2.58206	412 2.61490	442 2.64542
383 2.58320	413 2.61595	443 2.64640
384 2.58433	414 2.61700	444 2.64738
385 2.58546	415 2.61805	445 2.64836
386 2.58659	416 2.61909	446 2.64988
387 2.58771	417 2.62014	447 2.65081
388 2.58883	418 2.62118	448 2.65128
389 2.58995	419 2.62221	449 2.65225
390 2.59106	420 2.62825	450 2.65821

N.	0. 7 80" Log.	N.	0. g' 0" Log.	N.	0. 8' 80" Log.	
450	2.65321	480	2.68124	510	2.70757	
451	2.65418	481	2.68215	511	2.70842	į
452	2.65514	487	2.68305	512	2.70927	
458	2.65610	483	2.68395	513	2.71012	
454	2.65706	484	2.68485	514	2.71096	
455	2.65801	485	2.68574	515	2.71181	
456	2.65896	486	2.68664	516	2.71265	
457	2.65992	481	2.68753	517	2.71349	
458	2.66087	488	2.68842	518	2.71433	Ì
459	2.66181	489	2.68931	519	2.71517	
460	2.66276	490	2.69020	520	2.71600	ı
461	2.66370	491	2.69108	521	2.71684	
462	2.66464	492	2.69197	522	2.71767	
463	2.66558	498	2.69285	523	2.71850	
464	2.66652	494	2.69373	524	2.71933	
465	2.66745	49	2.69461	525	2.72016	
466	2.66839	490	2.69548	526	2.72099	
467	2.66932	497	2.69636	527	2.72181	
468	2.67025	498	2.69723	528	2.72263	
469	2.67117	499	2.69810	529	2.72346	
470	2.67210	500	2.69897	530	2.72428	
	2.67302		2.69984	531	2.72509	
	2.67394		2.70070		2.72591	
473	2.67486	503	2.70157	533	2.72673	
474	2.67578	504	2.70243	534	2.72754	
475	2.67669		2.70329		2.72835	
476	2.67761	500	2.70415	536	2.72916	
	2.67852		2.70501		2.72997	
	2.67943		2.70586	1 11	2.73078	
	2.68034		2.70672		2.73159	
480	2.68124	510	2,70757	540	2.73239	

١.

N.	0. 9' 0" Log.		N.	0. 9' 30" Log.		N.	0. 10' 0" Log.	
540	2.73239		570	2.75587		600	2.77815	
	2.73320			2.75664	1 1		2.77887	
542	2.73400		572	2.75740	1		2.77960	i i
543	2.73480	i	573	2.75815	i	603	2.78032	
544	2.73560			2.75891	H		2.78104	
545	2.73640		575	2.75967		605	2.78176	
546	2.73719		576	2.76042	li	606	2.78247	
547	2.73799		577	2.76118	l	607	2.78319	
548	2.73878		578	2.76193		608	2.78390	
	2.73957		579	2.76268		609	2.78462	li
	2.74036		580	2.76343		610	2.78533	l
551	2.74115		581	2.76418		611	2.78604	
	2.74194			2.76492	1 1	612	2.78675	l
	2.74273	.		2.76567	H		2.78746	
554	2.74851		584	2.76641	1	614	2.78817	
	2.74429			2.76716			2.78888	
	2.74507			2.76790			2.78958	
557	2.74586		587	2.76864		617	2.79029	
	2.74663	-		2.76938	1 1		2.79099	
	2.74741			2.77012	1 1		2.79169	
	2.74819			2.77085	l		2.79239	
	2.74896		1	2.77159	i i		2.79309	
	2.74974			2.77232	l		2.79379	
	2.75051			2.77305	ll		2.79449	
	2.75128		1	2.77379			2.79518	
	2.75205			2.77452			2.79588	
	2.75282			2.77525		_	2.79657	
	2.75358			2.77597			2.79727	
	2.75435	-		2.77670			2.79796	
	2.75511 2.75587			2.77743 2.77815			2.79865 2.79934	
210	2,13581		1 000	2.11815	! !	080	Z. 19934	

t

N. Log. N. 0.11 o' Log. N. 0.11 o' Log. 630 2.79984 660 2.81954 690 2.83885 631 2.80003 661 2.82020 691 2.83885 632 2.80072 662 2.82086 692 2.83948 633 2.80140 663 2.82151 693 2.84073 634 2.80297 665 2.82282 695 2.84198 636 2.80346 666 2.82347 696 2.84261 637 2.80444 667 2.82413 697 2.84261 638 2.80482 668 2.82418 698 2.84386 639 2.80550 669 2.82543 699 2.84448 641 2.80618 670 2.82607 700 2.84572 642 2.80754 672 2.82737 702 2.84572 643 2.80821 673 2.82802 703 2.84696
631 2.80003 661 2.82020 691 2.83948 632 2.80012 662 2.82086 692 2.84011 633 2.80140 663 2.82151 693 2.84013 634 2.80299 664 2.82217 694 2.84136 635 2.80217 665 2.82282 695 2.84198 636 2.80346 666 2.82341 696 2.84261 637 2.80414 667 2.82413 697 2.84826 639 2.80580 668 2.82418 698 2.84886 639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84574 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
631 2.80003 661 2.82020 691 2.83948 632 2.80012 662 2.82086 692 2.84011 633 2.80140 663 2.82151 693 2.84013 634 2.80299 664 2.82217 694 2.84136 635 2.80217 665 2.82282 695 2.84198 636 2.80444 666 2.82347 696 2.84261 639 2.80452 668 2.82413 697 2.84826 639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80688 671 2.82672 701 2.84573 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
633 2.80140 663 2.82151 693 2.84073 634 2.80209 664 2.82217 694 2.84136 635 2.80217 665 2.82282 695 2.84198 637 2.80414 667 2.82413 697 2.84281 638 2.80482 668 2.82418 698 2.84828 639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80656 671 2.82672 701 2.84572 642 2.80754 672 2.82787 702 2.84634 643 2.80821 673 2.82802 703 2.84696
634 2.80209 664 2.82217 694 2.84136 635 2.80217 665 2.82282 695 2.84198 636 2.80464 666 2.82347 696 2.84261 637 2.80482 668 2.82413 697 2.84828 639 2.80550 669 2.82543 699 2.84886 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82787 702 2.84634 643 2.80821 673 2.82802 703 2.84696
635 2.80217 665 2.82282 695 2.84198 636 2.80346 666 2.82341 696 2.84261 637 2.80441 667 2.82413 697 2.84826 639 2.80550 669 2.82543 698 2.84886 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
636 2.80346 666 2.82347 696 2.84261 637 2.80414 667 2.82413 697 2.84823 638 2.80482 668 2.82478 698 2.84886 639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
637 2.80414 667 2.82413 697 2.84828 638 2.80482 668 2.82418 698 2.84886 639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
628 2.80482 668 2.82418 698 2.84886 639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82787 702 2.84634 643 2.80821 673 2.82802 703 2.84696
639 2.80550 669 2.82543 699 2.84448 640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84510 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
640 2.80618 670 2.82607 700 2.84510 641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
641 2.80686 671 2.82672 701 2.84572 642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
642 2.80754 672 2.82737 702 2.84634 643 2.80821 673 2.82802 703 2.84696
643 2.80821 673 2.82802 703 2.84696
644 2.80889 674 2.82866 704 2.84757
645 2.80956 675 2.82980 705 2.84819
646 2.81023 676 2.82995 706 2.84880
647 2.81090 677 2.88059 707 2.84942
648 2.81158 678 2.83123 708 2.85003
649 2.81224 679 2.83187 709 2.85065
650 2.81291 680 2.83251 710 2.85126
651 2.81358 681 2.83315 711 2.85187
652 2.81425 682 2.83378 712 2.85248
653 2.81491 683 2.83442 713 2.85309
654 2.81558 684 2.83506 714 2.85370
655 2.81624 685 2.83569 715 2.85431
656 2.81690 686 2.83632 716 2.85491
657 2.81757 687 2.83696 717 2.85552
658 2.81823 688 2.83759 718 2.85612
659 2.81889 689 2.83822 719 2.85673
660 2.81954 690 2.83885 720 2.85738

		-						
N.	Log.	N		. 12' 30" Log.		N.	0. 13 0" Log.	
720	2.85733	75	0 2	.87506	1 1	780	2.89209	1
	2.85794			.87564			2.89265	
722	2.85854	75	2 2	.87622	1 1	782	2.89321	
723	2.85914	75	3 2	.87679	1 1	783	2.89376	
724	2.85974	75	4 2	.87737		784	2.89432	
725	2.86034	75	5 2	.87795		785	2.89487	
726	2.86094	75	62	.87852		786	2.89542	
	2.86158			.87910			2.89597	1
728	2.86213	75	8 2	.87967		788	2.89653	'
	2.86273	11	-1-	.88024			2.89708	1
	2.86332			.88081			2.89763	
731	2.86392	76	1 2	.88138		791	2.89818	1
	2.86451			.88195	l		2.89873	l
	2.86510			.88252			2.89927	1
734	2.86570	76	4 2	.88309		794	2.89982	ı
	2.86629	11	-1-	.88366			2.90037	1
	2.86688			.88428			2.90091	l
737	2.86747	11	_ _	.88480	l	797	2.90146	
	2.86806			.88536			2.90200	1
	2.86864			.88593			2.90255	1
740	2.86923	77	0 2	.88649	l	800	2.90309	1
	2.86982			.88705	1		2.90363	
	2.87040			.88762			2.90417	
	2.87099			.88818	1 1		2.90472	1
	2.87157			.88874			2.90526	
	2.87216			.88930			2.90580	1
	2.87274	-		.88986	1 1		2.90634	-1
	2.87332			.89042			2.90681	
	2.87390			.89098			2.90741	
	2.87448			.89154			2.90795	
750	2.87506	11 7	5U 2	.89209	"	11 810	2.90849	"

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N. 0. 13' 30" Log.	N. 0. 14' 0" Log.	N. 0.14' 30" Log.
810 2.90849	840 2.92428	870 2.98952
811 2.90902	841 2.92480	871 2.94002
812 2.90956	842 2.92531	872 2.94052
813 2.91009	843 2.92583	873 2.94101
814 2.91062	844 2.92634	874 2.94151
815 2.91116	845 2.92686	875 2.94201
816 2.91169	846 2.92737	876 2.94250
817 2.91222	847 2.92788	877 2.94300
818 2.91275	848 2.92840	878 2.94349
819 2.91328	849 2.92891	879 2.94399
820 2.91381	850 2.92942	880 2.94448
821 2.91434	851 2.92993	881 2.94498
822 2.91487	852 2.93044	882 2.94547
823 2.91540	853 2.93095	883 2.94596
824 2.91593	854 2.98146	884 2.94645
825 2.91645	855 2.93197	885 2.94694
826 2.91698	856 2.93247	886 2.94748
827 2.91751	857 2.93298	887 2.94792
828 2.91803	858 2.93349	888 2.94841
829 2.91855	859 2.93399	889 2.94890
830 2.91908	860 2.93450	890 2.94939
831 2.91960	861 2.93500	891 2.94988
832 2.92012	862 2.93551	892 2.95036
833 2.92065	863 2.93601	893 2.95085
834 2.92117	864 2.93651	894 2.95184
835 2.92169	865 2.93702	895 2.95182
836 2.92221	866 2.93752	896 2.95231
837 2.92273	867 2.93802	897 2.95279
838 2.92324	868 2.93852	898 2.95328
839 2.92376	869 2.93902	899 2.95376
840 2.92428	870 2.93952	900 2.95424

	<u> برجاء معمان تعلقتين</u>	
$N.$ $\begin{vmatrix} 0. & 15' & 0'' \\ Log. \end{vmatrix}$	$N.$ $\begin{vmatrix} 0.15'80'' \\ Log \end{aligned}$	N. 0. 16' 0" Log.
900 2.95424	930 2.96848	960 2.98227
901 2.95472	931 2.96895	961 2.98272
902 2.95521	932 2.96942	962 2.98318
903 2.95569	933 2.96988	963 2.98363
904 2.95617	934 2.97035	964 2.98408
905 2.95665	935 2.97081	965 2.98453
906 2.95713	936 2.97128	966 2.98498
907 2.95761	937 2.97174	967 2.98543
908 2.95809	938 2.97220	968 2.98588
909 2.95856	939 2.97267	969 2.98632
910 2.95904	940 2.97313	970 2.98677
911 2.95952	941 2.97359	971 2.98722
912 2.95999	942 2.97405	972 2.98767
913 2.96047	943 2.97451	973 2.98811
914 2.96095	944 2.97497	974 2.98856
915 2.96142	945 2.97543	975 2.98900
916 2.96190	946 2.97589	976 2.98945
917 2.96237	947 2.97635	977 2.98989
918 2.96284	948 2.97681	978 2.99034
919 2.96332	949 2.97727	979 2.99078
920 2.96379	950 2.97772	980 2.99123
921 2.96426	951 2.97818	981 2.99167
922 2.96473	952 2.97864	982 2.99211
923 2.96520	953 2.97909	983 2.99255
924 2.96567	954 2.97955	984 2.99300
925 2.96614	955 2.98000	985 2.99344
926 2.96661	956 2.98046	986 2.99388
927 2.96708	957 2.98091	987 2.99432
928 2.96755	958 2.98137	988 2.99476
929 2.96802	959 2.98182	989 2.99520
930 2.96848	960 2.98227	990 2.99564

_	10. 1 6' 30"			0. 17' 0"	-		0. 17 30"	
N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
990	2.99564		1020	3.00860	43	1050	3.02119	١١
991	2.99607	43 44	1021	3.00903	42	1051	3.02160	4-1
992	2.99651	44	1022	3.00945	43	1052	8.02202	
993	2.99695	44	1023	3.00988	42	1058	3.02243	7.
994	2.99739	43	1024	3.01080	42		3.02284	41
995	2.99782	44	1025	3.01072	43	1055	8.02325	41
996	2.99826	44	1026	3.01115	42	1056	3.02866	7
	2.99870	43	1027		42	1057		42
998	2.99918	44	1028	3.01199	48	1058	3.02449	41
999		48	1029	3.01242	42		3.02490	41
	8.00000	43	1030	3.01284	42	1060		41
1001		44	1031	3.01326	42	1061	3.02572	40
	3.00087	43	1032	3. 01 36 8	42		8.02612	41
	3.00130	43	1033		42	1063		41
1004		44	1034	8.01452	42	1064		41
	3.00217	43	1085	3.01494	42	1065		
	3.00260	43	1036	3.01536	42	1066		40
1007		43	1037		42	1067		41
1008		43	1038	8.01620	42	1068		41
1009		43	1039	3.01662	41	1069		
1010	-	43	1040	3.01703	42	1070		41
1011	3.00475	43	1041	8.01745	42	1071		
	3.00518 3.00561	43	1042		41	1072	3.03019	
K		43	1043	3.01828	42	II		1401
1014	3.00604		1044	8.01870	149	1074		41
1015			1045	3.01912	41	1075	1	40
1010		143			42			41
1017	3.00732		1047	8.01995	41	1077	100000-	140
1018	3.00775 3.00817	42	H	3.02036 3.02078	42	1078		140
	3.00860	43		3.02119	41		3.03342	
1.020	10.0000	1	11 1 0 30	TO.VAILY	1	11 1000	10.00012	"

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	N.	0 18' 0" Log.	D.	N.	0' 18' 30" Log.	D.	N.	Log.	D.
	1080	3.03342 3.03383	41	1110	3.04582 3.04571	39	1140	3.05 69 0	39
ı	1082	3.03423	40 40	1112	3.04610 3.04650	89 40	1142	3.05767	38 38
	1084	3.03503 3.03543	40 40	1114	3.04689 3.04727	39 38	1144	3.05805 3.05843 3.05881	38 38
1	1086	3.03583 3.03623	40 40	1116	3.04766	39 39	1146	3.05918	37 38
	1088	3.03663	40 40	1118	3.04805 3.04844	39 39	1148	3.05956 3.05994	38 38
I	1089 1090 1091	3.03703 3.03743 3.03782	40 39	1119	3.04883 3.04922 3.04961	39 39	1149	3.06032 3.06070	38 38
	1092	3.03822 3.03862	40 40	1122	3.04999	38 39	1151	3.06108	37 38
	1095	3.03902	40 39	1128	3.05038 3.05077	39 38	1154	3.06183	38 37
I	1095 1096 1097	3.03981 3.04021	40 40	1126	3.05115 3.05154 3.05192	39 38	1155 1156 1157	3.06258 3.06296 3.06332	38 37
ı	1098	3.04060 3.04100	39 40	1128	3.05231 3.05269	39 38	1158	8.06371	38 37
I	1100	3.04139	39 40	1130	3.05308	39 38	1160	3.06408 3.06446	38 37
	1102	3.04218 3.04258	39 4 0	1132	3.05346 3.05385 3.05423	39 38	1161	3.06483 8.06521 3.06558	38 37
I	1104	3.04297 3.04336	39 39	1134	3.05461 3.05500	38 39	1164	3.06595 3.06633	37 38
	1106	8.04376 3.04415	40 39	1136	8.05538 8.05576	38 38	1166	3.06670	37 37
I	1108	8.04454 8.04493	39 39	1138	8.05614 8.05652	38 38	1168	3.06744	37 37
l	1110	3.04532	39	1140	3.05690	38	1170	3.06819	38

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N.	0. 19' 30" Log .	υ.	N.	0. 20' o'' Log.	ם.	N.	0.20' 80" Log.	D.
1170	3.06819 3.06856	37	1200 1201	3.07918 3.07954	36	1230 1231	3.0899 t 3.09026	35
1172	3.06893	37 37	1202	3.07990	36 37	1232	3.09061	35 35
1173	3.06930 3.06967	37	1203 1204	3.08027 3.08062	36	1283	3.09096 3.09132	36
1175	3.07004	37 37	1205	3.08099	36 36	1235	3.09167	35 35
1176	3.07041 3.07078	37 37	1206 1207	3.08135 3.08171	36 36	1236	3.09 202 3.092 3 7	35 35
1178	3.07115	36	1208	3.08207 3.08243	36	1238	3.09272	35
1180	3.07188	37 37	1210	3.08279	36 35	1240	3.09342	35 35
1181	3.07225 3.07262	37	1211	3.08314	36	1241	3.09377	35
1183 1184	3.07298 3.07335	36 37	1213	3.08386 3.08422	36 36	1243	3.09447 3.09482	85 35
1185	3.07372	37 36	1215	3.08458	36 35	1245	3.09517	35 35
1186 1187	3.07408 3.07445	37	1216	3.08493 3.08529	36	1248 1247	3.0955 2 3.09587	35
1188	3.07482 3.07518	37 36	1218	3.08565 3.08600	36 35	1248	3.09621 3.09656	3 4 3 5
1190	3.07555	37 36	1220	3.08636	36 36	1250	3.09691	35 35
1191	3.07591 3.07628	37	1221 1222	3.08672 3.08707	35	1251	3.09726 3.09760	34
1193	3.07664	36 36	1223	3.08743	36 35	1253	3.09795 3.09830	35 35
1194	3.07700 3.07737	37 36	1224 1225	3.08778 3.08814	36 35	1254 1255	3.09864	34 35
$\frac{1196}{1197}$	3.07773	36	1226	3.08849	35	1256	3.09899	35
1198	3.07846 3.07882	37 36	1228	3.08920 3.08955	36 35	1258	3.09968 3.10003	34 35
	3.07918	36		3.08991	36		3.10037	34

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N.	0. 21' 0" Log.	D.	N.	0. 21' 30" Log.	D.	N.	Log.	D.
1260	3.10037 3.10072	35	1290	3.11059 3.11093	34	1320	3.12057 3.12090	23
1262	3.10106	34 34	1292	3.11126	33 34	1322	3.12123	33 33
1263 1264	3.10140 3.10175	35 34	1293 1294	3.11160 3.11193	33 34	1328	3.12156 3.12189	33 33
1265 1266	3.10209 3.10243	34 35	1295 1296	3.11227 3.11261	34 33	1325 1326	3.12222 3.12254	32 33
1267 1 26 8	3.10278 3.10312	34 34	1297 1298	3.112 94 3.11327	33 34	1327 1328	3.12287 3.12320	33 32
1269 1270	3.10346 3.10380	34	1299 1300	3.11361 3.11394	33 34	1329 1330	3.12352 3.12385	33 33
1271	3.10415 3.10449	35 34	1301	3.11428	33	1331	3.12418 3.12450	32
1278	3.10483 3.10517	34 34	1303	3.11494 3.11528	33 34	1888	3.1248 3 3.1251 6	33
275	3.10551 3.10585	34 34	1305 1306	3.11561 3.11594	33 33	1335	3.12548 3.12581	32 33
1277	3.10619	34 34	1307	3.11628	34 33	1337	3.12613	32 33
1278	3.10653 3.10687	34 34	1308	3.11694 3.11727	33 33	1339	3.12678 3.12710	32 32
1280	3.10721 3.10755	34 34	1311	3.11760	33 33	1341	3.12743	33 32
1282 1283	3.10789 3.10823	34 34	1312 1313	3.11793 3.11826	33 34	1342	3.12775 3.12808	33 32
1284 1285	3.10857 3.10890	33 34	1314 1315	3.11860 3.11893	33 33	1344 1345	3.12840 3.12872	32 33
1286	3.10924 3.10958	34 34	1316	3.11 926 3.11959	33 33	1346 1347	3.12905 3.12937	32 32
1288 1289	3.10992 3.11025	33	1318 1319	3.11992 3.12024	32 33	1348 1349	3.12969 3.13001	32 32
1290	3.11059	"	1320	3.12057		1350	3.13033	

N.	Log.	D.	N.	0. 23' 0" Log.	D.	N.	0. 28' 30" Log.	D.
1350 1351 1352 1353 1354 1355 1356 1357	Log. 3.13033 3.13066 3.13098 3.13130 3.13162 3.13194 3.13226 3.13258 3.13290	33 32 32 32 32 32 32 32 32	-	3.13988 3.14019 3.14051 3.14082 3.14114 3.14145 3.14176 3.14208	31 32 31 32 31 31 32 31	1410 1411 1412 1413 1414 1415 1416 1417 1418	Log. 3.14922 3.14953 3.14983 3.15014 3.15045 3.15106 3.15137 3.15168	31 30 31 31 31 30 31 31
1359 1360 1361 1362 1363 1364 1365	3.13322 3.13354 3.13386 3.13418 3.13450 3.13481 3.13513	32 32 32 32 32 31 32 32	1389 1390 1391 1392 1393 1394	3.14270 3.14301 3.14333 3.14364 3.14395 3.14426 3.14457	31 32 31 31 31 31 31	1419 1420 1421 1422 1423 1424 1425 1426	3.15198 3.15229 3.15259 3.15290 3.15320 3.15351 3.15381 3.15412	30 31 30 31 30 31 30 31
1367 1368 1369 1370 1371 1372 1373	3.13545 3.13577 3.13609 3.13640 3.13672 3.13704 3.13735 3.13767	32 31 32 32 32 31 32 32	1396 1397 1398 1399 1400 1401 1402 1403	3.14520 3.14551 3.14582 3.14613 3.14644 3.14675 3.14706	31 31 31 31 31 31 31	1427 1428 1429 1430 1431 1432 1433	3.15442 3.15473 3.15503 3.15534 3.15564 3.15594 3.15625	30 30 30 31 30
1375 1376 1377 1378 1379	3.13799 3.13830 3.13862 3.13893 3.13925 3.13956 3.13988	31 32 31 32 31 32 31	1404 1405 1406 1407 1408 1409 1410		31 30 31 31 31	1434 1435 1436 1437 1438 1439 1440	3.15655 3.15685 3.15715 3.15746 3.15776 3.15806 3.15836	30 30 31 30 30

		-						-
N.	0. 24' 0" Log.	D.	N.	Log.	D.	N.	0. 25' 0" Log.	D.
1440 1441	3.15836 3.15866	08 1 8	1470	3.16732 3.16761	29 30	1500 1501	3.17609 3.17638	29
1442	3.15897 3.15927	30	1472	3.16791 3.16820	29	1502	3.17667 3.17696	29 29
1444	3.15957 3.15987	30 30	1474	3.16850 3.16879	30 29	1504 1505	3.17725 3.17754	29 29
1446	3.16017 3.16047	30 30	1476	3.16909 3.169 3 8	30 29	1506	3.17782	28 29
1448	3.16077	30 30	1478	3.16967 3.16997	29 30	1508	3.17840 3.17869	29 29
1450 1451	3.16137 3.16167	30 30	1480	3,17026 3,17056	29 30	1510 1511	3.17898 3.17926	29 28
1452	3.16197 3.16227	30 30	1482	3.17085 3.17114	29 29	1512	3.17955 3.17984	29 29
1454	3.16256 3.16286	29 30	1484	3.17143 3.17173	29 30	1514	3.18013	29 26
1456	3.16316 3.16346	30 30	1486	3.17202 3.17231	29 29	1516 1517	3.18070 3.18099	29 29
1458	3.16376 3.16406	30 30	1488	3.17260 3.17289	29 29	1518	3.18127 3.18156	28 29
1460	3.16435	29 30	1490	3.17319 3.17348	30 29	1520	3.18184 3.18213	28, 29
1462		30 29	1492	3.17377 3.17406	29 29	1522 1523	3.18241 3.18270	28 29
1464	3.16554 3.16584	30 30	1494	3.17485 3.17464	29 29 29	1524 1525	3.18298 3.18327	26 29
1466	3.16613	29 30	1496	3.17493 3.17522	29	1526 1527	3.18355 3.18384	28 29
1468 1469	3.16673 3.16702	30 29 30	1498 1499	3.17551 3.17580	29 29	1528 1529	3.18412 3.18441	28 29 28
1470	3.16732	اتعا	1500	3.17609	23	1530	3.18469	1-0

	201 -11.	# le es' 20"1
N. 0. 25' 30" D.	N. Log. D	N. 0.26' 30" D. Log. D.
1530 3.18469 29	1560 3.19312	8 1590 3.20140 27
1531 3.18498 28	1561 3.19340 21 1562 3.19368 2	159213.20194
1533 3.18554 29	1563 3.19396 2	8 1593 3.20222 27
1534 3.18583 28	1564 3.19424 2 1565 3.19451 2	1595 3.20270
1536 3.18639 28	1566 3.19479 2	8 1596 3.20303 27
1537 3,18667 29	1567 3.19507 2 1568 3.19535 2	1598 3.20358
1539 3.18724 28	1569 3.19562 2	8 1599 3.20385 27
1540 3.18752 28 1541 3.18780 28	1571 2 10618	28 1601 3.20439 27 27 27
1542 3.18808 29	1572 3.19645 2	8 1602 3.20466 27
1543 3.18837 28 1544 3.18865 28	1574 2 10700	27 1604 3.20520 27 28 1604 3.20520 28
1545 3.18893 28	1575 3.19728	28 1605 3.20548 27
1546 3.18921 28 1547 3.18949	1577 3.19783	27 1607 3.20602 27 28 1607 3.20602 27
1548 3.18977 28	1578 3.19811	1608 3.20629 27
1549 3.19005 28 1550 3.19033 28	1580 3.19866	28 1610 3.20683 27 27 27 27
1551 3.19061 28 1552 3.19089	1581 3.19893	28 1611 3.20710 27
1553 3.19117 28	1583 3.19948	28 1613 3.20763 27
1554 3.19145 28	1584 3.19976	27 1614 3.20790 27
1556 3.19201 28	1586 3.20030	28 1616 3.20844 27
1557 3.19229 28	1587 3.20058	27 1617 3.20871 27
1559 3.19285 27	1580 3 90119	27 28 1619 3.20925 27 1620 3.20952
1560 3.19312	11590[3.20140]	11020101203021

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N.	0. 27' 0" Log .	D.	N.	0. 27 30" Log.	D.	N.	0. 28' 0" Log.	15.
1620	8.20952	26	1650	3.21748	27	1680	3.22531	26
1621	3.20978	20 27	1651	3.21775	26	1681	3.22557	26 26
1622	3.21005	27	1652	3.21801	26	1682	3.22588	25
1623	3.21032	27	1653	3.21827	27	1683	3.22608	26
1624	3.21059	26	1654	3.21854	26	1684	3.22634	26
1625	3.21085	27	1655	3.21880	26	1685	3.22660	26
1626	3.21112	27	1656	3.21906	26	1686	3.22686	26
1627	3.21139	26	1657	3.21932	26	1687	3.22712	25
	3.21165	27	1658	3,21958	27	1688	3.22737	26
1629	8.21192	27	1659	3.21985	26	1689	3.22763	26
1630 1631	3.21219 3.21245	26	1660	3.22011 3.22037	26	1690	3.22789 3.22814	25
		27			26			26
	3.21272 3.21299	27	1662	3.22063 3.22089	26	1692 1693	3.22840 3.22866	26
	3.21325	26	1664	3.22115	26	1694	3.22891	25
	3.21352	27	1665	3.22141	26	1695	3.22917	26
1626	3.21378	26	1666	3.22167	26	1696	3.22943	26
1637	3.21405	27	1667	3.22194	27	1697	3.22968	25
1638	3.21431	26	1668	3.22220	26	1698	3.22994	26
1639	3.21458	27	1669	3.22246	26	1699	3.23019	25
1640	3.21484	26	1670	3.22272	26	1700	3.23045	26
1641	3.21511	27 26	1671	3.22298	26 26	1701	3.23070	25
	3.21537	20 27	1672	3.22324	26	1702	3.23096	26 25
1643	3.21564	26	1673	3.22350	26	1703	3.23121	25 26
1644	3.21590	27	1674	3.22376	25	1704	3.23147	
1645	3.21617	26	1675	3.22401	26	1705	3.23172	25 26
1646	3.21643	26	1676	3.22427	26	1706	3.23198	25
1647	3.21669	27	1677	3.22458	26	1707	3.23228	26
1648	3.21696	26	1678	3.22479	26	1708	3.23249	25
1649	3.21722	26	1679	3.22505	26	1709	3.23274 3.23300	26
10001	a.Z1 /48		1680	3.22531	١	11110	9.23300	

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N.	0. 28' 30" Log.	D.	N.	0. 29' 0" Log.	D.	N.	0.29' 30" Log.	D.
1710	3.23300 3.23325	25	1740	3.24055	25	1770	3.24797	25
1712	3.23350	25 26	1742	3.24080 3.24105	25 25	1771 1772	3.24822 3.24846	24 25
1713	3.23376 3.23401	25	1743	3.24130 3.24155	25	1773	3.24871 3.24895	24
1715	3.23426	25 26	1745	3.24180	25 24	1775	3.24920	25 24
1716	3.23452 3.23477	25 25	1746 1747	3.24204 3.24229	25 25	1776	3.24944 3.24969	25 24
$\frac{1718}{1719}$	3.23502 3.23528	26	1748	3.24254	25	1778	3.24993	25
1720 1721	3.23553 3.23578	25 25	1750 1751	3,24304 3,24329	25 25	1780 1781	3.25042 3.25066	24 24
1722	3.23603 3.23629	25 26	1752	3.24353	24 25	1782	3.25091	25 24
1724	3.23654	25 25	1753 1754	3.24378 3.24403	125	1783 1784	3.25115 3.25139	24 25
1725 1726	3.23679 3.23704	25 25	1755 1756	3.24428 3.24452	24	1785 1786	3.25164 3.25188	24
$\frac{1727}{1728}$	3.23729 3.23754	25	1757	3.24477 3.24502	25	1787	3.25212	25
1729 1730	3.23779 3.23805	25 26	1759	3.24527	25 24	1789	3.25261	24 24
1731	3.23830	25 25	1760	3.24551 3.24576	25 25	1790	3.25285	25 24
1732	3.23855 3.23880	25	1762 1763	3.24601 3.24625	24	1792 1793	3.25334 3.25358	24
1734 1735	3.23905 3.23930	25 25	1764	3.24650 3.24674	25 24	1794	3.25382 3.25406	24 24
1736	3.23955	25 25	1766	3.24699	25 25	1796	3.25431	25 24
1737 1738	8.23980 3.24005	25 25	1767 1768	3.24724 3.24748	24 25	1797 1798	3.25455 3.25479	24 24
1789 1740	3.24030 3.24055	25	1769 1770	3.24773 3.24797	24	1799 1800	3.25508 3.25527	24

No.	0. 30' 0" Log.	D.	N.	0.30' 30" Log.	D.	N.	0. 81' 0" Log.	D.
No. 1800 1801 1802 1803 1804 1805 1806 1807 1808 1809 1810 1811 1812 1814	3.25527 3.25551 3.25551 3.25560 3.25624 3.25648 3.25648 3.25720 3.25744 3.25748 3.25788 3.25792 3.25840 3.258840 3.258840 3.2588840 3.2588840	24 24 25 24 24 24 24 24 24 24 24 24 24 24	N. 1830 1831 1832 1833 1834 1835 1836 1837 1838 1839 1841 1842 1843	0.30' 30" Log. 3.26245 3.26269 3.26293 3.26316 3.26364 3.26363 3.26411 3.26435 3.26458 3.26529 3.26553 3.26553	24 24 23 24 24 23 24 23 24 23 24 23 24 23 24	N. 1860 1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873		24 23 24 23 24 23 23 24 23 23 24 23 23 24 23
1816 1817 1818 1819 1820 1821 1822 1823 1824 1825 1826 1827 1828	3.25912 3.25935 3.25959 3.25983 3.26007 3.26035 3.26079 3.26102 3.26126 3.26150 3.26174 3.26198	24 23 24 24 24 24 24 24 24 24 24 24 24 24 24	1846 1847 1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858	3.26600 3.26623 3.26647 3.26670 3.26694 3.26717 3.26764 3.26788 3.26788 3.26881 3.26888 3.26888 3.26888 3.26905 3.26905 3.26958	23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 23 24 24 24 25 26 26 26 26 26 26 26 26 26 26 26 26 26	1875 1876 1877 1878 1879 1880 1881 1882 1883 1884 1885 1886 1887 1888	3.27300 3.27323 3.27346 3.27370 3.27416 3.27439 3.27485 3.27508 3.27508 3.27554 3.27554 3.27560 3.27562 3.27660 3.276623	23 23 24 23 23 23 23 23 23 23 23 23 23 23

N.	0, 31' 30" Log .	D	N.	0. 32' 0" Log.	D.	N.	0. 82' 30" Log.	D.
1890 1891	3.27646 3.27669	23	1920	3.28330 3.28353	28 22	1950 1951	3.29003 3.29026	28 22
1892	3.27692	23 23	1922	3.28375	23	1952	3.29048	22
1893	3.27715	23	1923	3.28398	23	1953	3.29070 3.29092	22
1894 1895	3.27738 3.27761	23	1924	8,28421 8,28443	22	1954	3.29115	23
1896	3.27784	23	1926	3.28466	23	1956	3.29137	22
1897	3.27807	23 23	1927	3.28488	22 23	1957	3.29159	22 22
1898	3.27830	22	1928	3.2 8511	22	1958	3.29181	22
1899	3.27852	23	1929	3.28533 3.28556	23	1959 1960	3.29203 3.29226	23
1900 1901	3.27875 3.27898	23	1930	3.28578	22	1961	3.29248	22
1902	3.27921	23	1932	3.28601	23	1962	3.29270	22
	3.27944	23 23	1933	3.28623	22 23	1963	3.29292	22 22
1904	3.27967	22	1934	3.28646	22	1964	3.29314	22
1905	3.27989	23	1935	3.28668 3.28691	23	1965 1966	3.29336 3.29358	22
1906 1907	3.28012 3.28035	23	1937	3.28713	22	1967	3.29380	22
1908	3.28058	28	1938	3.28735	22	1968	3.29403	28
1909	3.28081	23 22	1939	3.28758	23 22	1969	3.2 9425	22 22
1910	3.28103	23	1940	3.28780	23	1970	8.29447	22
1911	3.28126	23	1941	3.28803 3.28825	22	1971	3.29469 3.29491	22
1912	3.28149 3.28171	22	1942	3.28847	22	1973	3.29513	22
1914	3.28194	23	1944	3.28870	23	1974	3.29535	22
1915	3.28217	23 23	1945	3.28892	22 22	1975	3.29557	22 22
1916	3.28240	22	1946	3.28914	23	1976	3.29579	22
1917	3.28262	23	1947	3.28937	22	1977	3.29601 3.29623	22
1918	3.28285 3.28307	22	1948	3.28959 3.28981	22	1979	3.29623	22
1920	3.28330	23		3.29003	22	1980	3.29667	22

N.	0. 38' 0" Log.	D.	N.	0.33' 30" Log.	D.	N.	0. 34' 0" Log.	D.
1981	3.29667 3.29688 3.29710	21 22	2011	3.80320 3.30341 3.30363	21 22	2041	3.30963 3.30984 3.31006	21 22
1988	3.29732 3.29754	22 22 22	2018 2014	3.30384 3.30406	21 22 22	2043	3.31027 3.31048	21 21 21
1986	3.29776 3.29798 3.29820	22 22		3.30428 3.30449 3.30471	21 22		3.31069 3.31091 3.31112	22 21
1988 1989	3.29842 3.29863 3.29885	22 21 22		3.30492 3.30514 3.30535	21 22 21	2048 2049	3.31133 3.31154 3.31175	21 21 21
1991	8.29907 3.29929	22 22 22	2021 2022	3.20557 3.30578	22 21 22	2051 2052	3.31197 3.31218	22 21 21
1994	3.29951 3.29973 3.29994	22 21 22	2024	3.80600 3.80621 3.80643	21 22 21		3.31239 3.31260 3.31281	21 21
1997	3.30016 3.30038 3.300 € 0	22 22	2027	3.30664 3.30685 3.30707	21 22	2056 2057 2058		22
1999 2000	3,30081 3,30103 3,30125	21 22 22	2029 2030	3.30728 3.30750	21 22 21	2059 2060	3.31366 3.31387	21 21 21
2002 2003	3.30146 3.30168	21 22 22	2032 2033	8.30771 3.30792 8.30814	21 22 21	2062 2063	3.31408 3.81429 3.31450	21 21 21
2005	3.30196 3.30211 3.30233	21 22 22	2035	3.30835 3.30856 3.30878	ا روا	2064 2065 2066	3.31492	21
2008 2009	3.30255 3.30276 3.30298	21 22 22	2038 2039	3.30899 3.30920 3.30942	21 22 22	2068	3.31534 3.81555 3.31576	21
2010	8.80320		2040	3.30962	-"	2070	3.31597	٠.

-	0.4004	_		Del ell	-		0.00'00"	-
N.	0.84'30" Log.	D.	N.	U. 85' O" Log.	ъ.	N.	0.35' 30" Log.	D.
2070 2071	3.31597 3.31618	21	2100 2101	3.32222 3.32243	21	2130	3.32838 3.32858	20
2072	3.31639	2 i 2 i	2102	3.32263	20 21	2132	3.32879	21 20
2073 2074	3.31660 3.3168F	21	2103 2104	3.32284 3.32305	21	2133 2134	3.32899 3.32919	20 21
2075	3.31702 3.31723	21 21	2105	3.32325 3.32346	20 21	2135 2136	3.32940 3.32960	20
2076 2077	3.31744	21 21	2106	3.32366	20 21	2187	3.32980	20 21
2078 2079	3.31765 3.31785	20 21	2108	3.32387 3.32408	21 20	2138 2139	3.33001	20 20
2080 2081	3.31806 3.31827	21	2110 2111	3.32428 3.32449	21	2140 2141	3.33041 3.33062	21
2082	3.31848	21 21	2112	3.32469	20 21	2142	3.33082	20 20
2083 2084	3.31869 3.31890	21 21	2118	3.32490 3.32510	20 21	2143 2144	3.33102 3.33122	20 21
2085 2086	3.31911 3.31931	20	2115	3.32531 3.32552	21	2145 2146	3.33143	20
2087 2088	3.31952	21 21	2117	3.32572 3.32593	20 21	2147	3.33183	20
2089	3.31994	21 21	2119	3.32613	20 21	2149	3.33224	21 20
2090	3.32015 3.32035	20	2120	3.32634 3.32654	20 21	2150 2151	3.33244 3.33264	20
2092 2093	3.32056 3.32077	21 21	2122 2123	3.32675 3.32695	20	2152 2153	3.33284 3.33304	20 20
2094 2095	3.32098	21 20	2124	3.32715	20 21	2154	3.33325	120
2096	3.32139	21 21	2125 2126	3.32756	20 21	2155 2156	3.33345 3.33365	20
2097 2098	3.32160	21 20	2127 2128	3.32777 3.32797	20 21	2157 2158	3.83385 3.38405	20
2099 2100	3.32201 3.32222	91	2129 2130	3.32818 3.32838	20	2159 2160	3.33425 3.33445	20

N.	0. 36' 0" Log.	D.	N.	0.36' 30" Log.	D.	N.	0. 37' 0" Log.	D.
2161	3.33445 3.33465 3.33486	20 21	2190 2191 2192	3,34044 3.34064 3.34084	20 20	2220 2221 2222	3.34635 3.34655 3.34674	20 19
2163 2164	3.33506 3.33526	20 20 20	2193 2194	3.34104 3.34124	20 20 19	2223 2224	3.34694 3.34713	20 19 20
2165 2166 2167	3.33546 3.33566 3.33586	20 20 20	2195 2196 2197	3.34143 3.34163 3.34183	20 20 20	2226 2227	3.34733 3.34753 3.34772	20 19 20
2168 2169 2170	3.33606 3.33626 3.33646	20 20 20 20		3.34203 3.34228 3.34242	20 19 20	2228 2229 2230	3.34792 3.34811 3.34830	19 19 20
2171 2172 2173	3.33666 3.33686 3.33706	20 20		3.34262 3.34282 3.34301	20 19	2231 2232 2233	3.34869	19 20
2174 2175 2176	1	20 20 20	2204	3.34321 3.34341	20 20 20	2234 2235 2236	3.34908	19 20 19
$\frac{2177}{2178}$	3.33786 3.33806	20 20 20	2207 2208	3.34380 3.34400	19 20 20	$\frac{2237}{2238}$	3.34967 3.24986	20 19 19
2181	3.33826 3.33846 3.33866	20 20 19	2210 2211	3.34420 3.34439 3.34459	19 20 20	2240 2241		20 19 20
<u> </u>	3.33885 3.33905 3.33925	20 20	2212 2213 2214	3.34479 3.34498 3.34518	19 20	2248	3.35064 3.35083 3.35102	19 19 20
2185 2186 2187	3.33945 3.33965 3.33985	20 20 20	2215 2216 2217	3.34537 3.34557 3.34577	19 20 20		3.35122 3.35141 3.35160	19 19
2188 2189 2190	3.34005 3.34025 3.34044	20 20 19	2218 2219 2220	3.34596 3.34616 3.34635	19 20 19	2248 2249 2250	3.35180 3.35199 3.35218	20 19 19

N.	0.37' 30" Log.	D.	N.	0. 38 0" Log.	D.	N.	0.38' 30" Log.	D.
2250 2251 2252		2 0 19	2280 2281 2282		20 19	2310 2311 2312	3.36361 3.36380 3.36399	19 19
2253 2254	3.35276 3.35295	19 19 20	2283 2284	3.35851 3.35870	19 19 19	2313 2314 2315	3.36418 3.36436	19 18 19
2255 2256 2257	3.35353	19 19 19	2287	3.35908 3.35927	19 19 19	2316 2317	3.36474 3.36493	19 19 18
2258 2259 2260	3.35392	20 19 19	2288 2289 2290	3.35965	19 19 19	2318 2319 2320	3.36511 3.36530 3.36549	19 19
	3.35430 3.35449 3.35468	19 19		3.36003 3.36021 3.36040	18 19		3.36568 3.36586 3.36605	18 19
2264 2265 2266	3.35507	20 19 19		3.36059 3.36078 3.36097	19 19 19	2324 2325 2326	3.36624 3.36642 3.36661	19 18 19
2267 2268		19 19 19	2297 2298		19 19 19	2327 2328 2329	3.36680 3.36698	19 18 19
2270 2271	3.35603 3.35622	20 19 19	2300 2301	3.36173 3.36192	19 19 19	2330 2331	3.36736 3.36754	19 18 19
$\frac{2273}{2274}$	3.35641 3.35660 3.35679	19 19 19	2303 2304		18 19 19	2332 2333 2334	3.36791 3.36810	18 19 19
	3.35736	19 19 19	2307	3.36286 3.36305	19 19 19	2335 2336 2337		18 19 18
2279	3.35756 3.35774 3.35793	19	2809	3.36324 8.3 63 42 3.36361	18	2339	3.36884 3.36903 3.36922	19

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N.	0. 39' 0" Log.	υ.	N.	0. 39' 30" Log.	D.	N.	0. 40' 0" Log.	ກ.
2341		18 19	2371		18 18	2401	3.38021 3.38039	18 18
2342 2343		18 19	2372 2373 2374	3.37511 3.87530 3.37548	19 18		3.38057 3.38075 3.38093	18 18
2345	3.37014	18 19	2375	3.37566 3.37585	18 19	2405		19 18 18
2848	3.37051 3.37070	18 19 18	2378	3.37608 3.37621	18 18 18	2408	3.38148 3.38166	18 18
2350	3.37088 3.37107 3.37125	19 18	2380	2,37639 3,37658 8,37676	19 18	2409 2410 2411	3.38202	18 18
2352 2353	3.37144 3.37162	19 18 19	2382 2383	3.37694 3.37712	18 18 19	2418		18 18 18
2355	3.37181 8.37199 3.37218	18 19		3.37781 8.37749 3.37767	18 18		3.38274 3.38292 3.38310	18 18
2357	3.37236 3.37254	18 18		3.37785 3.37803	18 18		3.38328	18 18 18
2359 23 6 0	3.37273 3.37291	19 18 19		3.37822 3.37840	19 18 18	2420	3.38364 3.88382	18 17
	3.37310 3.37328 3.37346	18 18	2392	3.37858 3.37876 3.37894	18 18	2422	3.38399 3.38417 3.38435	18 18
2364 2365	3.37365 3.37383	19 18 18	2394 2395	3.37912 3.37931	18 19 18	2424 2425	3.38458 3.38471	18 18 18
2366 2367 2368		19 18	2397	3.37949 3.37967 3.37985	18 18	2427	3.38489 3.38507 3.38525	18 18
2369	3.37457 3.37475	19 18	2399	3.38003 3.38021	18	2429	8.38548 3.38561	18 18

N.	0. 40' 30" Log.	D.	N.	0. 41' 0" Log.	D.	N.	0.41'30" Log.	D.
2431	3,38561 3,38578 3,38596	17 18	2461	3.39094 3.39111 3.39129	17 18	2491	3.39620 3.39637 3.39655	17 18
2433 2434	3.38614 3.38632	18 18 18	2463 2464	3.39146 3.39164	17 18 18	2493 2494	3.39672 3.39690	17 18 17
2436	3.38650 3.38668 3.38686	18 18	2465 2466 2467	3.39182 3.39199 3.39217	17 18	2496	3.39707 3.39724 3.39742	17 18
2438 2439	3.38703 3.38721 3.38739	17 18 18	2468 2469	3.39235 3.39252 3.39270	18 17 18	2498 2499	3.39759 3.39777 3.39794	17 18 17
2441 2442	3.38757 3.38775 3.38792	18 18 17	2471 2472	3.39287 3.39305 3.39322	17 18 17	2501 2502		17 18 17
2444 2445	3.38810 3.38828	18 18 18	2474 2475	3.39340 3.39358	18 18 17	2504 2505	3.39863 3.39881	17 18 17
2448	3.38863 3.38881	17 18 18		3.39375 3.39393 3.39410	18 17 18	2507 2508	3.39938	17 18 17
2450	3.3899 3.38917 3.38934	18 17	2480	3.39428 3.39445 3.39463	17 18		3.39950 3.39967 3.39985	17 18
2453	3.38952 3.38970 3.38987	18 18 17	2483	3.39480 3.39498 3.39515	17 18 17		3.40002 3.40019 3.40037	17 17 18
2455 2456		18 18 18	2485 2486	3.39533 3.39550	18 17 18	2515 2516 2517	3.40054 3.40071	17 17 17
2458 2459	3.39058 3.39076 3.39094	17 18 18	2488 2489	3.39585 3.39602 3.39620	17 17 18	2518 2519	3.40106	18 17 17

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N.	0. 42' 0" Log.	D.	N.	0. 42' 30" Log.	D.	N.	0. 48' 0" Log.	D.
2520	3.40140	17	2550	3.40654	17	2580	3.41162	17
2521	3.40157	18	2551	3.40671	17	2581		17
2522	3.40175	17	2552	3.40688	17	2582	3.41196	16
2523	3.40192	17	2553	3.40705	17	2583		17
		17	2554	3.40722	17	2584		17
2525	3.40226	17	2555	3.40739	17	2585	3.41246	17
	3.40243	18	2556		17		3.41263	17
	3.40261	17	2557		17		3.41280	16
	3.40278	17	2558		17		3.41296	17
	3.40295	17	2559	3.40807	17	2589		17
	3.40312	17	2560	3.40824	17		3.41330	17
	3.40329	17	2561	3.40841	17	2591		16
	3.40346	18	2562		17		3.41363	17
	3.40364 3.40381	17	2563 2564	3.40875 3.40892	17	2593 2594	3.41380 3.41397	17
2534		17			17			17
2535	3.40398	17	2565	3.40909	17	2595		16
2530 2537	3.40415 3.40432	17	2566 2567	3.40926 3.40943	17	2596 2597		17
		17			17			17
0	3.40449 3.40466	17	2568	3.40960 3.40976	16		3.41464 3.41481	17
	3.40483	17		3.40993	17		3.41497	16
2541	3.40500	17	2571	3.41010	17	2601		17
2542	3.40518	18	1	8.41027	17		3.41531	17
2543	3.40535	17	2573	3.41044	17	2603		16
	3,40552	17		3.41061	17		3.41564	17
	3.40569	17		3.41078	17		3.41581	17
2546	3.40586	17		3.41095	17		3.41597	16
2547	3,40603	17	2577	3.41111	16	2607	3.41614	17
2548	3.40620	17	2578	3.41128	17	2608		17
2549	1	17	2579	3.41145	17	2609		16
2550	3.40654	' '	2580	3.41162	(''	2610	3.41864	- 1

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N.	υ. 43' 30″ Log.	D.	N.	0. 44' 0" Log.	D.	N.	Log.	D.
2610 2611	3.41664 8.41681	17	2640 2641	3.42160 3.42177	17	2670 2671	3.4265 3.42667	16
2612	3.41697 3.41714	16 17	2642	3.42193 3.42210	16 17	2672 2673	3,42684	17
2614 2615	3.41731	17 16	2644 2645	3.42226 3.42243	16 17	2674	3.42716 3.42732	16 16
2616	3.41764 3.41780	17 16		3.42259	16 16	2676	3.42749 3.42765	17 16
2618	3.41797	17 17	2648	3.42292	17 16	2678	3,42781 3,42797	16 16
2620	3.41814 3.41830 3.41847	16 17		3.42308 3.42325 3.42341	17 16		3.42813 3.42830	16 17
2622	3.41863 3.41880	16 17	2652	3.42357 3.42374	16 17	2682	3.42846 3.42862	16 16
	3.41896	16 17	2654 2655	3.42390 3.42406	16 16		3.42878 3.42894	16 16
2626 2627	3.41929	16 17		3.42423	17 16	1	3.42911 3.42927	17 16
2628	3.41963 3.41979	17 16	2658	3.42455 3.42472	16 17	2688	3.42943 3.42959	16 16
	3.41996	17 16		3.42488	16 16	2690	3.42975	16 16
2632	3.42029 3.42045	17 16	2662	3.42521 3.42537	17 16	2692	3.43008 3.43024	17 16
2634	3.42062 3.42078	17 16	2664	3.42553 3.42570	16 17	2694	3.43040 3.43056	16 16
2636	3.42095	17 16	2666	3.42586 3.42602	16 16		3.43072	16 16
2638	3.42127 3.42144	17	2668	3.42619 3.42635	17 16 16		3.43104	16
2640	3.42160	16	2670	3.42651	110	2700	3.43136	16

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	N.	0. 45' 0" Log.	D.	N.	0.45'30' Log.	D.	N.	0. 46' 0" Log.	D.
	2701	8,43136 3.43152	16 17	2780 2781	3.43616 3.43632	16 16	2760 2761	3.44091 3.44107	16 15
1		3.43169	16	2732	3.43648	16	2762	3.44122	16
ı		3.43201	16 16	2733 2734	3.436C4 3.43680	16 16		3.44138 3.44154	16
		3.43217	16		3.43696	16	2765	3.44170	16 15
ı		3.43233 3.43249	16 16	2736 2737	3.43712 3.43727	15		3.44 185 8.44 201	16
ı		3.43265	16		3.43743	16 16		3.44217	16 15
		3.43281 3.43297	16		3.48759 8.48 775	16		3.44232 3 :44248	16
		3.43313	16		8.43791	16 16		3.44264	16 15
		3.43329 3.43345	16		3.43807 3.43823	16		3.44279 3.44295	16
ŀ		3.43361	16		3.43838	15		3.44311	16 15
			16		3.43854 3.43870	16		3.44326 3.44342	16
١-		3.43409	16		3.43886	16 16		8.44358	16 15
					8.43902 8.43917	15 16		3.44373 3.44389	16 15
-		.43457	16		3.43933	16		3.44404	16
-		ATARO:	16		3.43949 3.43965	16		8.44420 8.44436	16 15
-		.43505	16.		3.43981	15		3.44451	16
		435371			3.43996 3.44012				16
-		.43558	6		8.44028	161		3.44498	16
		47594			3.44044 3.44059				15
		.43600	6		3.44075 3.44091			. 445451	15
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N.	0. 46' 30" Log.	D.	N.	0.47 0" Log.	υ.	N.	0.47 30" Log.	D.
	3.44560 3.44576	16		3.45025 3.45040	15	2850 2851	8.45484 8.45500	16
	3.44592	16 15		3.45056	16 15	2852		15
	3.44607 3.44623	16		3.45071 3.45086	15	2853 2854		15
2795	3.44638	15 16		3.45102	16	2855	3.45561	16
	3.44654 3.44669	15		3.45117 3.45133	16		3.45576 3.45591	15
2798	3.44685	16 15	2828	3.45148	15 15	2858	3.45606	15
	3.44700 3.44716	16		3.45163 3.45179	16		3.45621 3.45637	16
	3.44731	15 16		3.45194	15	2861		15
2808	3.44747 3.44762	15 16	2833	3.45209 3.45225	16 15	2863	3.45667 3.45682	15 15
	3.44778	15		3.45240	15	2864 2865	3.45697	15
2806	3.44809	115	2836	3.45271	16	2866	3.45728	16 15
	3.44824	16	2837 2838	3.45286	15	2867 2868	3.45748 3.45758	15
	3.44855 3.44871	15		3.45317 3.45332	16 15	2869	3.45773 3.45788	15 15
2811	3.44886	15	2841		15	2871		15 15
	3.44902 3.44917	15		3.45362 3.45378	16	2872 2873	3.45818 3.45834	16
2814	3.44982	15	2844	3.45393	15	2874	3.45849	15 15
	3.44948 3.44963	15		3.45408 3.45423	15		3.45864 3.45879	15
2817		113	2847 2848		16 15	2877		15 15
2819	3.44994 3.45010	15	2849	3.45469	15 15	2878 2879	3.45924	15 15
2820	8.45025	1.0	U 2850	3.45484	1.0	2880	3.45939	

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N. 0.48 0"	D. N.	0.48'30"	D.	N.	0. 49 0"	D.
N. Log.	D. 14.	Log.	1,,,	14.	Log.	"
2880 3.45939	291	3.46389		2940	3.46835	
2881 3.45954	15 291	3.46404	15	2941	3.46850	15
2882 3.45969	15 291	2 3.46419	15	2942	3.46864	14
2883 3.45984	291	3 3.46434	15	2943	3.46879	15
2884 3.46000	16 291	4 3.46449	15	2944	3.46894	15
2885 3.46015	15 291	3.46464	15	2945	3.46909	15
2886 3.46030	15 291	3.46479	15	2946	3.46923	14
2887 3.46045	15 291	3.46494	15 15	2947	3.46938	15
2888 3.46060	15 291	3.46509		2948	3.46953	15
2889 3.46075	15 291	3.46523	14	2949	3.46967	14
2890 3.46090	15 292	3.46538	15 15	2950	3.46982	15
2891 3.46105	15 292	3.46553	15	2951	3.46997	
2892 3.46120	15 292	2 3.46568	15	2952	3.47012	15
2893 3.46135	15 292		15	2953	3.47026	14
2894 3.46150	15 292	4 3.46598	15	2954	3.47041	15
2895 3.46165	15 292	3.46613	14	2955	3.47056	14
2896 3.46180	15 292		15	2956	3.47070	15
2897 3.46195	15 292	3.46642	15	2957	3.47085	15
2898 3.46210	15 292		15	2958	3.47100	14
2899 3.46225	15 292		15	2959	3.47114	15
2900 3.46240	15 293	3.46687	15	2960	3.47129	15
2901 3.46255	15 293		14	2961	3.47144	15
2902 3.46270	15 293		15	2962		14
2903 3.46285	15 293	3 3.46731	15	2963	3.47173	15
2904 3.46300	15 293		15	2964	3.47188	14
2905 3.46315	15 293		15	2965	4.7.4.7.4.	15
2906 3.46330	15 293	3.46776	14	2966	3.47217	15
2907 3.46345	14 293	3.46790	15	2967		14
2908 3.46359	15 293	3.46805	15	2968		15
2909 3.46374	15 293	3.46820	15	2969	3.47261	15
2910 3.46389	1294	3.46835		2970	3.47276	

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N.	0.49' 30" Log.	ษ.	N.	o. \$0' o" Lug.	D.	N.	0.50' 80" Log.	υ.
2970 2971	3.47276 3.47290	14		3.47712 3.47727	15	3030 3031	3.48144 3.48159	15
2973	3.47305 3.47319	14 14	3003		14 15 14	3032 3033	3.48173 3.48187	14 14 15
2975	3.47334 3.47349	15	3005	3.47770 3.47784	14 15	3034	3.48202 3.48216	14 14
2977	3.47363 3.47378 3.47 3 92	15 14	3007	3.47799 3.47813 3.47828	14 15	3037	3.48230 3.48244 3.48259	14 15
2979	3.47407 3.47422	15 15	3009		14 15	3039	3.48273 3.48287	14 14
2981	3.47436 3.47451	14	3011		14	3041	3.48302 3.48316	15 14
2984		14 15 14		3.47900 3.47914	15 14 15	3044	3.48330 3.48344	14 14 15
	3.47494 3.47509 3.47524	15 15	3015 3016 3017	3.47929 3.47943 3.47958	14		3.48359 3.48373 3.48387	14 14
2988	3.47538 3.47553	14 15	3018	3.47972 3.47986	14 14	3048	3.48401 3.48416	14 15
	3.47567	14	3020	3.48001	14	3050	3.48430 3.48444	14
2993	3.47596 3.47611	14 15 14	3022	3.48029 3.48044	14 15 14	3053	3.48458 3.4847 3	14 15 14
2995	3.47625 3.47640 3.47654	15 14	3025	3.48058 3.48078 3.48087	15 14	3055	3.48487 3.48501 3.48515	14 14
2997	3.47669 3.47688	15 14	3027		14 15	3057	3.48530 3.48544	15 14
2999	3.47698 3.47712	15	3029	3.48130 3.48144	14	3059	3.48558 3.48572	14

N.	0. 51' 0" Log.	D.	N.	0. 51' 30" Log.	D.	N.	0. 52' 0 Log.	D.
	3.48572 3.48586	14		3.48996 3.49010	14		3.49415 3.49429	
	3.48601	15		3.49024	14		3.49443	14
	3.48615	14		3.49038	10		3.49457	4
	3.48629 3.48643	14		3.49052 3.49066	14		3.49471 3.49485	14
_	3.48657	14	3096	3.49080	14	3126	3.49499	14
	3.48671 3.48686	15		3.49094 3.49108	14		3.49513 3.49527	14
	3.48700	14		3.49122	14		3.49541	14
3070	3.48714	14	3100	3.49136	14	3130	3.49554	13
	3.48728	14	1	3.49150	14	3131	3.49568	14
	3.48742 3.48756	14		3.49178	14 14		3.49596	14
	3.48770	14		3.49192	14		3.49610	4
	3.48785 3.48799	14		3.49206 3.49220	14	3135	3.49624 3.49638	14
	3.48813		3107		14	3137		13
	3.48827	14		3.49248 3.49262	14		3.49665 3.49679	14
	3.48841 3.48855	14		3.49276	14		3.49693	14
	3.48869	14	3111	3.49290	14	3141	3.49707	14
	3.48983 3.48897	14	3112	3.49304 3.49318	14	3142 3143		13
	3.48911	14		3.49332	14		3.49748	14
3085	3.48926			3.49346	14 14	3145		14
	3.48940	14	3117	3.49360 3.49374	14	3146	3.49776 3.49790	14
3088	3.48968		3118	3.49388	14	3148	3.49808	
	3.48982 3.48996	14	3119	3.49402 3.49415	13	3149	3.49817 3.49831	14

	0. 52' 80"			0. 53' O"		_		-
N.	Log.	D.	N.	Log.	D.	N.	0. \$3' 30" Log.	D.
	3.49831 3.49845	14	3180	3.50243 3.50256	13	3210 3211	3.50651 3.50664	13
8152	3.49859	14	3182		14	3212	3.50678	14
	3.49872 3.49886	14	3183 3184	3.50284 3.50297	13	3213	3.50691 3.50705	14
3155	3.49900	14	3185	8.50311	14	3215	3.50718	13
	3.49914 3.49927	13		3.50338	13	3216 3217	3.50732 3.50745	13
3158 3159	3.49941	14		3.50352 3.50365	13	3218 3219	3.50759 3.50772	14
	3.49969	14	3190	3.50379	14	3220	3.50786	14
_	3.49982 3.49996	14		3.50393 3.50406	13	3221	3.50799 3.50813	14
3163 3164	3.50010 3.50024	14		3.50420 3.50433	13	3223	3.50826 3.50840	13 14
3165	3.50037	13	3195	3.50447	14	3225	3.50853	13
3166 3167	3.50051 3.50065	14		3.50461 3.50474	13	3226 3227	3.50866 3.50880	14
	3.50079 3.50092	13		3.50488 3.50501	13		3.5089 3 3.50907	13 14
3170	3.50106	14	3200	3.50515	14	3230	3.50920	13 14
3171 3172		13		3.50529 3.50542	13	3231 8282	3.509 34 3.509 4 7	13
	3.50147	14		3.50556 3.50569	13	3233	3.50961	14 13
8175	3.50174	13 14	3205	3.50583	14	8235	3.50987	13
3176 3177	3.50188 3.50202	14	3206 3207	3.50596 3.50610	14	$\frac{3236}{3287}$	3.51001 3.51014	13
3178 3179	3.50215 3.50229	13 14	3208 3209	3.50623 3.50637	13 14	3238 8239	3.51028 3.51041	14
	3.50243	14		3.50651	14		3,51055	14

_	0. 54' 0"			0.54'80"	-		0. 55' 0"	_
N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
8240	3.51055	ا ـ ـ ا	3270	3.51455		3300	3.51851	١ ا
3241	3.51068	13	3271	3.51468	13	3301		13
3242	3.51081	14	3272	3.51481	14	3302	3.51878	13
3243	3.51095	13	3273	3.51495	13	3303	3.51891	13
3244	3.51108	13	3274	3.51508	13	3304	3.51904	13
3245	3.51121	14	3275	3.51521	13	3305		18
3246	3.51135	13	3276	3.51534	14	3306		12
3247	3.51148	14	3277		13	3307		14
3248		13	3278	3.51561	13	3308		13
3249	3.51175	13	3279	3.51574	13	3309	3.51970	13
3250 3251	3.51188 3.51202	14	3280 3281	3.51587 3.51601	14	3310	3.51983 3.51996	13
		13			13			13
8252 3258		13		3.51614 3.51627	13	3312	3.52009 3.52022	13
3254		14	3284		13	3314	3.52022	13
3255	3.51255	13	3285	3.51654	14	3315	3.52048	13
3256	3.51268	13	3286	3.51667	13	3316	3.52048	18
3257	3.51282	14	3287	3.51680	13	3317	3.52075	14
3258	3.51295	13	3288	3.51693	13	3318	3.52088	13
\$259		13		3.51706	13	3319		13
3260	3.51322	14		3.51720	14	3320	3.52114	13
8261	3.51835	13	3291	3.51783	13	3321	3.52127	13
3262		13	3292	3.51746	13	3322	3.52140	13
3263	3.51362	13	3293	3.51759	13	3323	3.52153	18
3264	3.51375	13	3294	3.51772	1	3324	3.52166	13
	3.51388	14		3.51786	14 13		3.52179	13
3266	3.51402	13	3296	3.51799	13	3326	3.52192	13
3267	3.51415	13	3297	3.51812	13	3327	8.52205	18
3268	3.51428	13	3298	8.51825	12	3328	3.52218	13
3269	8.51441	14	3299	3.51838	13	3329	8.52281	12
2Z10	8.51455		4400	3.51851		1 5 5 5 0	3.52244	

T	0.55' 30"			0. 56' 0"			0.56'30"	
N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
	3.52244	13		3.52634	13		3.53020	13
3331 3332		13		3.52647 3.52660	13		3.53033 3.53046	13
		14			13			12
3333	3.52284 3.52297	13		3.52673 3.52686	13		3.53058 3.53071	13
	3,52310	13		3.52699	13	1	3.53084	13
	3.52323	13		3.52711	12	3396	3.53097	13
	3.52336	13		3.52724	13 13		3.53110	13
3338	3.52349	13	8368	3.52737	13	3398	3.53122	12
	3.52362	12		3.52750	13		3.53135	13
	3.52375	13		3.52768	13		3.53148	13
	3.52388	13		3.52776	13		3.53161	12
	3.52401 3.52414	13		3.52789 3.52802	13		3.53173 3.53186	13
3344		13		3.52815	13		3.53199	13
3345		13			12		3.53212	13
3346		13		3.52840	13		3.53224	12
3347	3.52466	13	3377	3.52853	13 18	3407	3.53237	13
	3.52479	13	3378	3.52866	13	3408	3.53250	13
	3.52492	12		3.52879	13		3.58263	12
	3.52504	13		3.52892	13		3.53275	13
	3.525 7 3.52530	13		3.52905 3.52917	12		3.53288	13
	3.52543	13		3.52911	13	1 -	3.53301 3.53314	13
	3.52556	13	3384	3.52943	13		3,53326	12
		13	3385	3.52956	13	3415	3.53339	13
	3.52582	18		3.52969	13		3.53352	13
3357	8.52595	13	3387	3.52982	13	3417	3.53364	12
	3.52608	13		3.52994	13		3.53377	13
	3.52621	12		3.53007	19		3.53390	12
3360	3.52634		8390	3.53020	-	3420	3.53403	

N.	0. 57' 0 Log.	D.	N.	0. 57 30 Log.	D.	N.	0. 58' 0" Log.	D.
===	3.53403					_	7308.	-
3420		12		3.53782 8.53794	12		3.54158 3.54170	12
8422	3.53428	13		8.53807	13		8.54183	13
	3.53441	12		3.53820	12		3.54195	12
	3.53453 3.53466	13		3.53832 3.53845	13		3.54208 3.54220	12
	3.53479	13		3,53857	12		3.54233	13
	3.53491	12		3.53870	13		3.54245	12
	3.53504	13	3458	3.53882	13		3.54258	12
	3.53517 3.53529	12		3.53895	13		3.54270	13
3430		13		3.53908 3.53920	12		3.54283 3.54295	12
	3.53555	13		3.53933	13		3,54307	12
	3.53567	12 13	3463	3.53945	12	3493	3.54320	13
	3.53580	13	li—	3.53958	12		3.54332	12
	3.53593 3.53605			3.53970 3.53983	13		3.54345 3.54357	12
	3.53618	13		3.53995	12		3.54370	13
3438	3,53631	13	3468	3.54008	13	3498	3.54382	12
	3.53643	12		3.54020	13		8.54394	13
	3.53656	12		3.54033	12		3.54407	12
	3.53668	13	3471	3.54045 3.54058	13		3.54419 3.54432	13
	3.53694	13		3.54070	12		3.54444	12
	3.58706	12		3.54083	13		3.54456	12
	3.58719	12		3.54095	13		3.54469	12
3446 3447		12		3.54108	12	_	3.54481	13
3448	3.53744	13		3.54120 3.54133	13		3.54494 3.54506	12
3449	3.53769	12	3479	8.54145	12	3509	3.54518	12
3450	3.53782	1.3	3480	3.54158		3510	3.54531	1, 1

		_	_	بسجيس	_			_
N.	0. \$8' 30' Log.	թ.	N.	0. 59' 0" Log.	Ь.	N.	0. 59' 30" Log.	р.
	206.			208.			DUZ.	
3510	3.54581		3540	3.54900		3570	3.55267	
3511	3.54543	12	3541	3.54913	13	3571	3.55279	12
8512	3.54555	12	3542	3.54925	12	8572	3.55291	12
2512	3.54568	13	3543	3.54937	12	3573	3.55303	12
	3.54580	12	1	3.54949	12		3.55315	12
8515	3.54593	13		3.54962	13		3.55328	13
2516	3.54605	12	2546	3.54974	12	3576	3.55340	12
	3.54617	12		3.54986	12		3.55352	12
	3.54630	13		3.54998	12		3.55364	12
-	3.54642	12		3.55011	13		3.55376	12
	3.54654	12		8.55023	12		3.55388	12
3521		13		3.55035	12		3.55400	12
	3.54679	12	3552		12		3.55413	13
	3.54691	12	3553		13		3.55425	12
8524		13	3554	3.55072	12	3584		12
3525		12	3555		12		3.55449	12
1	3.54728	12		3.55096	12		3.55461	12
3527		13	3557		12	3587		12
	3.54758	12	3558		13	3588		12
	3.54765	12	3559		12	3589		12
	8.54777	12	3560		12		3.55509	12
3531		13	<u> </u>		12			13
	3.54802	12		3.55157 3.55169	12		3.55522 3.55534	12
3533		12		3.55182	13	3593		12
		13			12			12
8534	1	12	3564	1	12	3594		12
3535 3536		12	3565 3566		12	3595 3596		12
		13			12			12
8537		12		3.55230	12		3.55594	12
	3.54876 3.54888	12		3.55242 3.55255	13		3.55606	12
	3.54900	12		3.55267	12		3.55618 3.55630	12
-250	19.54900		19310	.2.2261	· _	11 2000	10.0000	

N.	1. 0' 0" Log.	D.	N.	1. 0' 30" Log.	D.	N.	Log.	D.
36 01	3.556 3 0 3.55 64 2 3.55654	12 12	3631	3.55991 3.56003 3.56015	12	3660 3661	3.56348 3.56360 3.56372	12 12
3603	3.55666 3.55678	12 12 13	3633	3.56015 3.56027 3.56038	12 11 12	3663	3.56384 3.56396	12 12
3606	3.55691 3.55703 3.55715	[2 [2	3636	3.56050 3.56062 3.56074	12 12	3666	3.56407 3.56419 3.56431	1 l 12 12
3608 3609	3.55727 3.55789	12 12 12	3638 3639	3.56086 3.56098		3668 3669	3.56443 3.56455	12 12 12
3611	3.55751 3.55763 3.55775	12 12	3641	3.56110 3.56122 3.56134	12 12	3671	3.56467 3.56478 3.56490	11 12
3613 3614	3.55787 3.55799	12 12 12	3643 3644	3.56146 3.56158	12 12 12	3673 3674	3.56502 3.56514	12 12 12
3616	3.55811 3.55823 3.55835	12 12 12	3646 3647	3.56170 3.56182 3.56194	12 12 11	3676	3.56526 3.56538 3.56549	12 11 12
3619	3.55847 3.55859 3.55871	l 2 I 2	3649	3.56205 3.56217 3.56229	12 12	3678 3679 3680		12 12
3622	3.55883 3.55895 3.55907	12 12 12	3652	3.56241 3.56253 3.56265	12 12 12		3.56597 3.56608 3.56620	12 11 12
8624 8625	3.55919 3.55931	12 12 12	3654	3.56277 3.56289	12 12 12	3684 3685	8.56632 8.56644	12 12 12
8627	3.55943 8.55955 3.55967	12 12	3657	3.56301 3.56312 3.56324	l I 12	3687	3.56656 3.56667 3.56679	11 12
3629	3.55979 3.55991	12 12	3659	3.56336 3.56348	12	3689	3.56691 2.56703	12 12

N.	Log.	D,	N.	1. 2 0 Log.	D.	N.	1. 2 30" Log.	p.
3691	3.56703 3.56714 3.56726	1 L 12	3721	3.57054 3.57066 3.57078	12	3751	3.57403 3.57415 3.57426	12 1 L
3693 3694	3.56738 3.56750 3.56761	12 12 11		3.57089 3.57101 3.57113	12	3754	3.57438 3.57449 3.57461	12 11 12
3697	3.56773 3.56785 3.56797	12 12 12	3727	3.57124 3.57136 3.57148	11 12 12	3757	3.57473 3.57484 3.57496	12 11 12
3700	3.56808 3.56820 3.56832	12	3730	3.57159 3.57171 3.57183	11 12 12	3760	3.57507 3.57519 3.57530	11
3703	3.56844 3.56855 3.56867	12 11 12 12	2733	3.57194 3.57206 3.57217	11 12 11	3763	3.57542 3.57553 3.57565	12 11 12
3706	3.56879 3.56891 3.56902	12 11 12	3736	3.57229 3.57241 3.57252	12 11 11	3766	3.57576 3.57588 3.57600	11 12 12
3709 3710	3.56914 3.56926 3.56937	12 11 12	3739 3740	3.57264 3.57276 3.57287	12 11	3769 3770	3.57611 3.57623 3.57634	12
3712 3713	3.56949 3.56961 3.56972	12 11 12	3742 3743	3.57299 3.57310 3.57322	11 12 12	3772 3773	3.57646 3.57657 3.57669	11 12 11
	3.56984 3.56996 3.57008 3.57019	12 12 11	3744 3745 3746	3.57334 3.57345 3.57357	11 12 11		3.57680 3.57692 3.57703 3.57715	12 11 12
3718 3719	3.57031 3.57043 3.57054	12 12 11	3748 3749	3.57368 3.57380 3.57392 3.57403	12 12 11	3778 3779	3.57726 3.57738 3.57749	11 12 11

N.	1. 8' 0" Log.	D.	N.	1. 3' 30' Log.	D.	N.	1. 4' 0" Log.	D.
3780 3781	3.57749 3.57761	12		3.58092 3.58104	12 11	3840 3841	3.58433 3.58444	11
	3.57772	12		3.58115	12	3842	3.58456	12
8	2.57784	11		3.58127	11		3.58467	ii
3784 2785	3.57795 3.57807	12		3.58138 3.58149	11		3.58478 3.58490	12
i	3.57818	11	_	3.58161	12		3.58501	11
3787		12		3.58172	11		3.58512	11
3788	3.57841	11	3818	3.58184	11		3.58524	12
	3.57852	11		3.58195		3849	3.58535	11
	3.57864	ii		3.58206	12		3.58546	ii
	3.57875	12		3.58218	11		3.58557	12
	3.57887 3.57898	11		3.58229 3.58240	u		3.58569 3.58580	11
	3.57910	12		3.58252	12		3.58591	11
	3.57921	11	3825	3.58263	11	1	3.58602	11
	3.57933	12	3826	3.58274	11		3.58614	12
3797	3.57944		3827	3.58286	11	3857	3.58625	111
	3.57955	12		3.58297	12		3.58636	ii
	3.57967	11		3.58309 3.58320	11		3.58647 3.58659	12
	3.57990	12		3.58331	11		3.58670	11
	3.58001	11		3.58343	12		3.58681	11
	3.58013	12		3.58354	11		3.58692	11
3804	8.58024	11	3834	3.58365	11	3864	3.58704	12
30	3.58035	11		3.58377	12 11		3.58715	11
	3.58047	11		3.58388	ii	_	3.58726	ii
	3.58058	12		3.58399	11			12
	3.58070 3.58081	11		3.58410 3.58422	12		3.58749 3.58760	11
	3.58092	11		3.58433	11		3.58771	11

N.	1. 4' 30" Log.	ນ.	N.	1. 5' 0" Log.	D.	N.	1.5'30" Log.	D.
3870 3871 3872 3873 3874 3875 3876 3877 3878 3879 3880 3881	Log. 3.58771 3.58782 3.58895 3.58816 3.58827 3.58838 3.58850 3.58861 3.58838 3.58850 3.58883 3.58883	11 12 11 11 11 12 11 11	3900 3901 3902 3903 3904 3905 3906 3907 3909 3910 3911	Log. 3.59106 3.59118 3.59140 3.59151 3.59162 3.59173 3.59184 3.59195 3.59207 3.59218 3.59229	12 11 11 11 11 11 11 12	3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941	Log. 3.59439 3.59450 3.59461 3.59472 3.59483 3.59494 3.59506 3.59528 3.59550 3.59550	11 11 11 12 11 11
3883 3884 3885 3886 3887 3888 3890 3891 3893 3894 3895 3895 3895 3898	3.58906 3.58917 3.58938 3.58950 3.58961 3.58961 3.58973 3.58995 3.59006 3.59012 3.59040 3.59051 3.59040 3.59051 3.59084 3.59084 3.59089	11 11 11 12 11 11 11 11 11 11	3913 3914 3915 3916 3917 3918 3920 3921 3923 3924 3925 3926 3927 3928	3.59240 3.59251 3.59252 3.59284 3.59295 3.59296 3.59318 3.59329 3.59318 3.59329 3.59318 3.59353 3.59318 3.59318 3.59318 3.59318 3.59318 3.59318 3.59318 3.59318	11 11 11 11 11 11 11 11 11	3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958	3.59583 3.59594 3.59605 3.59616	10 11 11 11 10 10 10 11 11 11

N.	Log.	D.	N.	Log.	υ.	N.	Log.	ъ.
3960 3961	8.59770 3.59780	10		3.60097 3.60108	11	4020 4021	3.60423 3.60433	10
	3.59791 3.59802	11		3.60119 3.60130	11	4022 4023	3.60444 3.60455	11
	3.59813 3.59824	11		3.60141 3.60152	11 11 11	4024 4025	3.60466 3.60477	11
2967		11	3997	3.60163 3.60173	10 11	4026 4027	3.60487 3.60498 3.60509	11
3969	3.59857 3.59868 3.59879	1 t 1 i	3999	3.60184 3.60195 3.60206	1.1 1.1	4028 4029 4030	3.60520	11 11
8971		11	4001	3.60217 3.60228	11 11	4031	3.60541	10 11
3973 3974	8.59912	11 11 11	4003	3.60239 3.6024 9	11 10 11	4033 4034	3.60563 3.60574	11 11 10
8976	3.59934 3.59945	11 11 11	4006	3.60260 3.60271	11 11 11	4035 4036	3.60595	11
3977 3978	3.59966	10 11	4008	3.60282 3.60293	11 11	4037	3,60606 3.60617 3.60627	11 10
	3.59988	11 11		8.60304 8.60314 3.60325	10 11	4039 4040 4041	3.60638 3.60649	11 11
3982	3.59999 3.60010 3.60021	11	4012	3.60325 3.60336 3.60347	11 11		3.60660	11
3984 3985	3.60032 3.60043	11 11 11	4014 4015	3.60358 8.60369	11 11 10	4044 4045	3.60681 3.60692	1) 11 11
	2.60065	11	4016 4017	3.60379 3.60390	11	4046 4047	3.60708	10 11
3989	3.60076 3.60086 3.60097	10	4018 4019 4020	2.60401 1.60412 5.60423	11 11	4048 4049 4050	3.60724 3.60735 3.60746	11 11

N. 1. 7' 30" D. N. 1. 8' 0" D. N. 1. 8' 30" Log.	_
	D.
4050 3.60746 10 4080 3.61066 11 4110 3.61384 4051 3.60756 10 4081 3.61077 11 4111 3.61395	11
4052 3.60767 11 4082 3.61087 10 4112 3.61405	10
4053 3.60778	10
4055 3.60799 11 4085 3.61119 11 4115 3.61437	11
4057 3.60821 11 4087 3.61140 10 4117 3.61458 4058 3.60831 10 4088 3.61151 11 4118 3.61469	10 11
4059 3.60842 11 4089 3.61162 11 4119 3.61479	10 11
4060 3.60853 11 4090 3.61172 10 4120 3.61490 4061 3.60863 10 4091 3.61183 11 4121 3.61500	10 11
4062 3.60874 11 4092 3.61194 10 4122 3.61511 4063 3.60881 11 4093 3.61204 11 4123 3.61521	10 11
4065 3.60906 11 4094 3.61215 10 4124 3.61532	10
4066 3.60917 11 4096 3.61236 11 4126 3.61553 4067 3.60927 10 4097 3.61247 11 4127 3.61563	11 10
4068 3.60938 11 4098 3.61257 10 4128 3.61574	11 10
4070 3.60959 10 4100 3.61278 10 4130 3.61595	11 11
4071 3.60970 11 4101 3.61289 11 4131 3.61606 4072 3.60981 1 4102 3.61300 10 4132 3.61616	10
4073 3.60991 11 4103 3.61310 11 4133 3.61621	10
4075 3.61013 10 4105 3.61331 10 4135 3.61648 11 4076 3.61023 10 4106 3.61342	11 10
4077 3.61034 11 4107 3.61352 10 4137 3.61669	11 10
4079 3.61055 10 4109 3.61374 11 4189 3.61690 4080 3.61061 41013.61384 10 414013.61700	11 10

N.	1. 9' 0" Log.	ນ.	N.	1. 9' 30" Log.	D.	N.	1. 10' 0" Log .	D.
4140 4141 4142	3.61700 3.61711 3.61721	11 10	4171	3.62014 3.62024 3.62034	10 10	4200 4201	3,62325 3,62335 3,62346	10 11
4143 4144	3.61731 3.61742	10 11 10	4178 4174	3.62045 3.62055		4208 4204	3,62356 3,62366	10 10 11
4145 4146 4147	3.61752 3.61768 3.61773	1 1 10	4175 4176 4177	3.62066 3.62076 2.62086	10 10	4205 4206 4207	3.62387	10 10
4148 4149	3.61784 3.61794 3.61805	11 10 11	4178 4179 4180	3.62097 3.62107 3.62118	11 10 11	4208 4209 4210		11 10 10
	3.61815 3.61826	10 11 10	4181 4182	3.62128 3.62138	10 10	4211 4212	3.62439 3.62449	11 10 10
	3.61836 3.61847 3.61857	11 10	4183 4184 4185	3.62149 3.62159 3.62170	10 11	4218 4214 4215	3.62459 3.62469 3.62480	10 11
4156 4157		10 10	4186 4187 4188	3,62180 3.62190 3.62201	11	4216 4217 4218	3.62490 3.62500 3.62511	10 10 11
4159	3.61899 3.61909	1 I 10 1 I	4189	3.62211 3.62221	10 11	4220	3.62521 3.62531	10 10 11
4162	3.61920 3.619 3 0 3.61941	i0 11 10	4191 4192 4193	3.62232 3.6224 2 3.62252	10 10 11	4221 4222 4223	3.62542 3.62552 3.62562	10 10 10
4164 4165 4166	3.61951 3.61962 3.61972	11 10 10	4194 4195 4196	3.62263 3.62278 3.62284	10 11 10	4224 4225 4226		11 10 10
	3.61982 3.61993 3.62003	11	4197 4198 4199	3.62294 3.62304 3.62315	10 11	4227 4228 4229	3.62603 3.62613 3.62624	10 11 10
4170	3.62 014	**	4200	3.62325	1.0	4280	3,62634	[""]

N.	1. 10' 80" Log.	D.	N.	1. 11' 0" Log.	D.	N.	1.11' 30" Log.	D.
4230 4231 4232 4233 4234	3.62634 3.62644 2.62655 3.62665 3.62675	10 11 10 10	4260 4261 4262 4263 4264	3.62941 3.62951 3.62961 3.62972	10 10 11 11	4290 4291 4292 4293 4294	3.63246 3.63256 3.63266 3.63276	10 10 10 10
4235 4236 4237 4238 4239	3.62685 3.62696 3.62706 3.62716	10 11 10 10 10	4265 4266 4267 4268 4269	3.62992 3.63002 3.63012 3.63022	10 10 10 10 11	4295 4296 4297 4298 4299	3.63296 3.63306 3.63317 3.63327	10 11 11 10
4243 4244	3.62747 3.62757 3.62767 3.62778	11 10 10 10 11	4273 4274	3.63043 3.63053 3.63063 3.63073 3.63083	10 10 10 10 10	4303 4304	3.63357 3.63367 3.63377 3.63387	10 10 10 10 10
4249	3.62788 3.62798 3.62808 3.62818 3.62829 3.62839	10 10 10 10 11		3.63104 3.63114	10 10 10 10 10	4305 4306 4307 4308 4309 4310	3.63407 3.63417 3.63428 3.63438	10 10 11
4251 4252 4253 4254 4254	3.62849 3.62859 3.62870 3.62880	10 10 11 10 10	4281 4282 4283	3.63155 3.63165 3.63175 3.63185	11 10 10 10	4311 4312 4313 4314 4315	3.63458 3.63468	10 10 10 10
4256 4257 4258 4259	3.62900	10 10 11 10 10	4286 4287 4288 4289	3.63205 3.63215 3.63225	10 10 10 11 10	4316 4317 4318 4319 4320	3.63508 3.63518 3.63528 3.63538 3.63548	10 10 10 10 10

N. Log. D. N. Log. D. 4380 3.64147 10 4381 3.63859 10 4351 3.63859 10 4352 3.63869 10 4352 3.63869 10 4352 3.63869 10 4352 3.63869 10 4352 3.63869 10 4353 3.63879 10 4353 3.63879 10 4355 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.64088 10 4357 3.64216 10 4358 3.63899 10 4358 3.64258 10 4358 3.64276 10 4358 3.64289 10 4358 3.64288 10 4408 3.64389 10 4358 3.64289 10 4358 3.64289 10 4358 3.64288 10 4408 3.64389 10 4358 3.64289 10 4358 3.64288 10 4358 3.64289 10 4358				_		_	_		
4321 3.63558 10 4351 3.63859 10 4382 3.64157 10 4382 3.63568 10 4352 3.63889 10 4382 3.64157 10 4382 3.63589 10 4355 3.63889 10 4385 3.63589 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63899 10 4356 3.63699 10 4356 3.63899 10 4356 3.64998 10	N.	1. 12' 0" Log.	D.	N.		D.	N.	Log.	D.
4322 3.63568 10 4352 3.63869 10 4382 3.64167 10 4385 3.63859 10 4355 3.63889 10 4385 3.63859 10 4356 3.63869 10 4386 3.64207 10 4387 3.63669 10 4356 3.63899 10 4386 3.64207 10 4387 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.63869 10 4388 3.64268 10 4388 3.64268 10 4388 3.64268 10 4388 3.64268 10 4389 3.64286 10 4389 3.64286 10 4389 3.64286 10 4389 3.64386 10 4389 3.64386 10 4389 3.64386 10 4389 3.64386 10 4389 3.64386 10 4389 3.64386 10 4389 3.64386 10 4389 3.64386 10 4389 3.64385 10 4388 3.64399 10 4378 3.64088 10 4389 3.64385 10 4388 3.64399 10 4378 3.64088 10 4389 3.64385 10 4388 3.64389 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4378 3.64088 10 4408 3.64385 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4388 3.64399 10 4389 3.64399 10 4389 3.64399 10 4389 3.64399 10 4389 3.64399 10			10			10			10
4324 3.63589 10 4355 3.63899 10 4385 3.64197 10 4385 3.63899 10 4385 3.64197 10 4385 3.63899 10 4385 3.64207 10 4385 3.63899 10 4387 3.64217 10 4388 3.63629 10 4357 3.63919 10 4388 3.64227 10 4383 3.63639 10 4359 3.63989 10 4389 3.64237 9 4381 3.63659 10 4360 3.63949 10 4388 3.64227 10 4383 3.63689 10 4360 3.63949 10 4389 3.64237 9 4381 3.63659 10 4360 3.63949 10 4361 3.63959 10 4362 3.63989 10 4363 3.63989 10 4363 3.63989 10 4363 3.63989 10 4363 3.63989 10 4363 3.63989 10 4363 3.63989 10 4363 3.63989 10 4363 3.64266 10 4393 3.64266 10 4393 3.64276 10 4367 3.64081 10 4403 3.64355 10 4404 3.64385 10 4404 3.64385 10 4408 3.64484 10 4408 3.64484 10	4322	3.63568	. 1	4352	3.63869	1	4382	3.64167	
4326 3.63699 10 4356 3.63999 10 4387 3.64207 10 4387 3.64207 10 4387 3.64207 10 4387 3.64207 10 4387 3.64207 10 4388 3.64227 10 4388 3.64237 10 4388 3.64237 10 4389 3.63899 10 4389 3.64236 10 4383 3.63639 10 4389 3.63899 10 4389 3.64266 10 4383 3.63639 10 4389 3.64266 10 4383 3.63899 10 4389 3.64266 10 4383 3.64266 10 4383 3.64266 10 4383 3.64266 10 4383 3.64266 10 4383 3.64266 10 4383 3.64266 10 4383 3.64266 10 4383 3.64276 10	4324	3.63589		4354	3.63889		4384	3.64187	
4327 3.63619 10 4357 3.63919 10 4388 3.64227 10 4389 3.63639 10 4389 3.63639 10 4389 3.63639 10 4389 3.64236 10 4389 3.64236 10 4389 3.64236 10 4389 3.64236 10 4389 3.64236 10 4389 3.64256 10 4381 3.63639 10 4366 3.63989 10 4366 3.63989 10 4366 3.63989 10 4366 3.64088 10 4391 3.64266 10 4389 3.64365 10 4389 3.64266 10 4389 3.64365 10 4389 3.64385 10	4326	3.63609	10	4356	3.63909	10	4386	3.64207	10
4329 3.63639 10			10			10			10
10 10 10 10 10 10 10 10			10			10		3.64246	9
4333 3.63689 10 4363 3.63998 10 4365 3.63998 10 4365 3.63998 10 4365 3.64028 10 4367 3.64028 10 4367 3.64028 10 4367 3.64028 10 4367 3.64028 10 4367 3.64028 10 4367 3.64028 10 4367 3.64028 10 4367 3.64028 10 4369 3.64368 10 4369 3.64368 10 4369 3.64368 10 4369 3.64368 10 4368 3.64028 10 4369 3.64368 10 4369 3.64368 10 4369 3.64368 10 4369 3.64368 10 4368 3.64368 10 4376 3.64088 10 4369 3.64368 10 4368 3.63829 10 4376 3.64088 10 4407 3.64368 10 4368 3.63829 10 4376 3.64188 10 4407 3.64368 10 4368 3.63829 10 4376 3.64188 10 4407 3.64444 10 4368 3.63829 10 4376 3.64128 10 4408 3.64364 10 4408 3.64385 10 4368 3.63829 10 4376 3.64188 10 4408 3.64364 10 4368 3.63829 10 4376 3.64188 10 4408 3.64444 10 4408 3.64385 10 4408 3.644444 10 4408 3.644444 10 4408 3.644444 10 4408 3.644444 10 4408 3.644444			10			10			10
4336 3.63699 4365 3.63998 10 4396 3.64296 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4397 3.64306 10 4398 3.64328 10 4397 3.64335 10 4399 3.64335 10 4399 3.64335 10 4399 3.6433			10			9	1		10
4337 3.62719 10 4367 3.64018 10 4397 3.64816 10 4398 3.64326 9 4399 3.64326 9 4399 3.64326 10 4399 3.64326 10 4399 3.64326 10 4399 3.64326 10 4399 3.64325 10 4371 3.64088 10 4401 3.64355 10 4372 3.64088 10 4402 3.64365 10 4373 3.64088 10 4402 3.64365 10 4374 3.64088 10 4402 3.64385 10 4374 3.64088 10 4402 3.64385 10 4376 3.64088 10 4402 3.64385 10 4376 3.64088 10 4408 3.64385 10 4376 3.64088 10 4408 3.64385 10 4368 3.64389 10 4376 3.64088 10 4408 3.64395 10 4376 3.64088 10 4408 3.64395 10 4376 3.64188 10 4407 3.64404 10 4378 3.64188 10 4407 3.64424 10 4378 3.64128 10 4408 3.64424 10 4378 3.64128 10 4408 3.64424 10 4408 3.6424 10 4408 3.64424 10 4408 3.64424 10 4408 3.6424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 4408 3.64424 10 44			10			10			10
4339 8.62739 10 4369 3.64038 10 4399 3.64335 10 4303 3.64345 10 4302 3.64345 10 4402 3.64345 10 4302 3.64355 10 4312 3.64058 10 4402 3.64355 10 4312 3.64058 10 4402 3.64355 10 4312 3.64058 10 4402 3.64355 10 4312 3.64058 10 4402 3.64355 10 4312 3.64058 10 4312 3.64058 10 4402 3.64355 10 4312 3.64058 1	4337	3.62719		4367	3.64018		4397	3.64316	
4341 3.63759 10 4371 3.64058 10 4401 3.64355 10 4342 3.63759 10 4372 3.64068 10 4402 3.64365 10 4342 3.63759 10 4374 3.64068 10 4403 3.64375 10 4374 3.64088 10 4404 3.64385 10 4404 3.64385 10 4375 3.64098 10 4376 3.64098 10 4405 3.64395 10 4376 3.64081 10 4406 3.64395 10 4376 3.64181 10 4407 3.63819 10 4378 3.64181 10 4407 3.64314 10 4378 3.63829 10 4378 3.64181 10 4407 3.64414 10 4407 3.64381 10	4339	8.63739		4369	3.64038	10	4399	3.64335	10
4343 3.63779 10 4373 3.64078 10 4403 3.64375 10 4344 3.63789 10 4374 3.64088 10 4404 3.64385 10 4376 3.64088 10 4406 3.64395 9 4246 2.63809 10 4376 3.64108 10 4407 3.64404 10 4377 3.64118 10 4407 3.64404 10 4378 3.63829 10 4378 3.64128 10 4407 3.64414 10 4378 3.63829 10 4378 3.64128 10 4408 3.64424 10	4341	3.63759		4371	3.64058		4401	3.64855	10
4345 2.63799 10 4375 3.64098 10 4405 3.64395 9 4446 3.63809 10 4376 3.64108 10 4406 3.64404 10 4407 3.64414 10 438 3.63829 10 4378 3.64128 10 4408 3.64424 10	4348	3.63779		4373	3.64078		4403	3.64375	
4347 2.63819 10 4377 2.64118 10 4407 2.64414 10 4348 3.63829 10 4378 3.64128 10 4408 3.64424 10	4345	3.63799		4375	3.64098		4405	3.64395	
4940 9.09024 'V 4919 9.04120 U 4400 9.04474 ¹ U	4347	3.63819		4377	3.64118	1	4407	8.64414	
4349 3.63839 10 4379 3.64137 3 4409 3.64434 10 4350 3.63849 10 4380 3.64147 10 4410 3.64444 10	4349	3.63839	10	4379	3.64137	10	4409	3.64434	10

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N.	Log.	ນ.	N.	L 14' 0" Log.	D.	N.	1. 14' 30" Log.	D.
	3.64444 3.64454	10	4440	3.64738 3.64748	10	4470	3.65031 3.65040	9
4412	3.64464	10	4442	3.64758	10	4472	3.65050	10
4413 4414	3.64473 3.64483	10	4443 4444	3.64768 3.64777	10	4473 4474	3.65060 3.65070	10
	3.64493	10	4445 4446	3.64787 3.64797	10	4475 4476	3.65079 3.65089	10
4417 4418	3.64513 3.64523	10	4447 4448	3.64807 3.64816	6	4417 4478	3.65099 3.65108	9
	3.64532 3.64542	10	4449 4450	3.64826 3.64836	10	4479	3.65118 3.65128	10
4421	3.64552	10	4451	3.64846	10	4481	3.65137	10
4423	3.64562 3.64572	10	4452 4453	3.64856 3.64865	9	4482 4483		10
4424	3.64582 3.64591	9	4454 4455	3.64875 3.64885	10	4484 4485	3.65167	9
4426 4427	3.64601 3.64611	10	4456 4457	3.64895 3.64904	9	4486 4487	3.65186 3.65196	10
	3.64621 3.64631	10	4458 4459	3.64914 3.64924	10 10	4488 4489	3.65205 3.65215	10
	3.64640 3.64650	10		3.64933 3.64943	9 10	4490 4491	3.65225 3.65234	10
	3.64660	10	1	3.64953 8.64963	10 10	4492 4493		10
4434	3.64680	10	4464	3.64972	9 10	4494	3.65263	10
4435 4436	3.64689 3.64699	10 10	4465 4466	3.64982 3.64992	10	4495 4496	3.65273 3.65283	10
4437 4438	3.64709 3.64719	10		3.65011	9	4497 4498		10
	3.64729 3.64738	اه		3.65021 3.65031	10	4499 45 00	3.65312 3.65321	u

N.	Log.	ה.	N.	1. 15' 80" Log.	n.	N.	1. 16' 0' Log.	D.
4500	3.65321	10	4530	3.65610	9	4560	3.65896	10
4501		10		3.65619	10		3.65906	10
4502		9		3.65629	10	4562		
4503	3.6 5850	10		3.65639		4563	3.65925	10
4504		9		3.65648	10		3.65935	9
4505		10		3.65658	9		3.65944	10
4506		10		3.65667	10	4566	3.65954	9
4507 4508	3.65389 3.65398	9		3.65677 3.65686	9	4567 4568	3.65963 3.65973	10
		10			10			9
4509 4510	3.65408 3.65418	10		3.65696 3.65706	10	4569 4570	3.65982 3.65992	10
4511		9	4541	3.65715	9	4571	3.66001	9
4512	3.65437	10		3.65725	10	4572	3.66011	10
4513	3.65447	10		3.65734	9	4578	3.66020	9
4514	3.65456	9	4544	3.65744	10	4574	3.66030	10
4515	3.65466	10	4545	3.65758	9	4575	3,66039	9
4516		9		3.65763	10		3.66049	10
4517	3.65485	10	4547	3.65772	9	4577	3.66058	9
4518	3.65495	10	4548	3.65782	10	4578	3.66068	10
4519	3.65504	10	4549	3.65792	10	4579	3.66077	10
4520	3.65514	9	4550	3.65801	10	4580	3.66087	9
4521	2.65523	10	4551	3.65811		4581	3.66096	10
	3.65533	10		3,65820	10		3.66106	10
4523	3.65543	9	4553	3.65830	9	4583	3.66115	9
4524	8.65552	10	4554	3.65889	10	4584	3.66124	10
4525	3.65562	9	4555		9	4585	3.66134	9
4526		10	4556		10	4586	3.66143	10
	3.65581	10	4557		9	4587		9
	8.65591	9	4559	3.65877 3.65887	10	4588 4589	3.66162	10
	2.65 6 00 3.6 5 6 10	10		3.65896	9		3.66181	9
2340	9.24210		12000	10.0000		1 49 90	10.40101	1

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N.	1. 16 30" Log.	D.	N.	Log.	D.	N.	Log.	D.
4590 4591	3.66181 3.66191	10	4620	3.66464 3.66474	10	4650 4651	3.66745 3.66755	10
4592	3.66200	10	4622	3.66483	9		3.66764	9
4593 4594	3.66210	9	4624	3.66492 3.66502	10	4658 4654		10
4595	3.66229	10	4625	3.66511	10	4655		9
	3.66247	9	4626 4627		9		3.66811	10
4598 4599	3.66257	9	4628	3.66549	10		3.66829	9
4600 4601		10	4630 4631	3.66558 3.66567	9	4660	3.66839	10 9
4602		110	4632	3.66577	10	4662	3.66857	9
4603 4604	3.66304 3.66314	10	4633 4634	3.66586 3.66596	10	4663 4664	3.66867 3.66876	9
4605	3.66323 3.66332		4635 4636	3.66605 3.66614	9	4665 4666	3.66885 3.66894	9
4607	3.66342	110	4637	3.66624	10	4667	3.66904	10
	3.66351 3.66361	10	4638 4639	3.66633 3.66642		4668 4669	,	9
4610	3.66370	10	4640	3.66661	9	4671	3.66982	9
4612	3.66389		4642	3.66671	10		2.66950	10
4614	3.66408	110	4643 4644	3.66689	9	4674	3.66960 3.66969	•
4615 4616	3.66417	10	4645 4646	3.66699 3.66708	9	4675 4676	3.66978 3.66987	9
4617	3.66436		4647	3.66717	10	4677	3.66997 3.67006	10
4619	3.66455	10	4648 4649	3.66736	9	4679	3.67015	10
4620	3.66464	1	4650	3.66745	ויו	14680	3.67025	' · '

N. Log. D. N. Log. D. W. Log. D.	_		-						· V.
4681 3.67034 9 4711 3.67311 10 4742 3.67587 9 4742 3.67587 9 4742 3.67587 9 4742 3.67587 9 4742 3.67587 9 4742 3.67587 9 4742 3.67587 9 4742 3.67580 9 4745 3.67300 9 4745 3.67300 9 4746 3.67630 9 4745 3.67682 9 4745 3.67682 9 4745 3.67682 9 4748 3.67682 9 4748 3.67682 9 4748 3.67682 9 4748 3.67682 9 4748 3.67682 9 4748 3.67682 9 4748 3.67682 9 4748 3.67682 9 4749 3.67682 9 4759 3.67689 9 4759 3.67689 9 4759 3.67689 9 4759 3.67769 9 4759 3.67769 9 4759 3.67752 9 4759	N.	1. 18' 0" Log.	D.	N.	Log.	D.	N.	Log.	D.
4682 3.67043 9 4712 3.67321 9 4742 3.67359 9 4743 3.67359 9 4743 3.67359 9 4743 3.67360 9 4743 3.67360 9 4743 3.67369 9 4745 3.67605 9 4745 3.67605 9 4745 3.67605 9 4745 3.67605 9 4745 3.67632 9 4745 3.67632 9 4745 3.67632 9 4745 3.67632 9 4745 3.67632 9 4745 3.67642 9 4747 3.67642 9 4748 3.67361 9 4748 3.67361 9 4749 3.67642 9 4749 3.67669 9 4759 3.67669 9 4759 3.67689 9 4759 3.67689 9 4759 3.67689 9 4759 3.67699 9 4759 3.67699 9 4759 3.67699 9 4759 3.67699			9			9			9
4684 3.67062 19 4714 3.67339 9 4744 3.67614 9 4715 3.67349 9 4715 3.67349 9 4716 3.67349 9 4716 3.67349 9 4716 3.67349 9 4717 3.67342 9 4718 3.67624 9 4718 3.67089 9 4718 3.67367	4682	3.67043	- 1	4712	3.67321		4742	3.67596	9
4686 3.67089 9 4716 3.67357 10 4747 3.67682 9 4718 3.67367 10 9 4718 3.67367 10 9 4718 3.67367 10 9 4718 3.67367 10 9 4718 3.67367 10 9 4718 3.67367 10 9 4718 3.67367 10 9 4718 3.67384 10 9 9 4718 3.67384 10 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4684	3.67062		4714	3.67339	- 1	4744	3.67614	- 1
4688 3.67109 9 9 4719 3.67376 9 9 4748 3.67660 9 9 4759 3.67163 9 4720 3.67389 9 4750 3.67660 9 4750 3.67164 9 4722 3.67438 10 4752 3.67669 9 4753 3.67164 9 4722 3.67422 9 4753 3.6769 9 4753 3.67164 9 4726 3.67428 9 4756 3.67168 9 4726 3.67489 9 4756 3.67164 9 4728 3.67489 9 4756 3.67164 9 4728 3.67489 9 4756 3.67164 9 4729 3.67489 9 4756 3.67162 9 4759 3.67528 9 4759 3.67182 9	4686	3.67080		4716	3.67357	1 -	4746	3.67633	
4699 3.671107 9 4719 3.67393 9 4750 3.67660 9 4750 3.67163 9 4720 3.67394 9 4751 3.67660 9 4750 3.67163 9 4722 3.67413 0 4751 3.67697 9 4728 3.67422 4.695 3.67164 0 4728 3.67423 9 4752 3.67697 9 4753 3.67697 9 4728 3.67431 0 4756 3.67169 9 4728 3.67431 0 4756 3.67769 9 4758 3.6740 0 3.67191 9 4728 3.67459 0 4758 3.67421 0 4758 3.67421 0 4758 3.67451 0 4758 3.67451 0 9 4758 3.67721 0 4758 3.67451 0 9 4758 3.67421 0 4758 3.67321 0 4758 3.6	4688	3.67099			3.67376	9	4748	3.67651	9
4692 3.67136 9 4722 3.67433 10 4753 3.67638 9 4723 3.67437 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67638 9 4753 3.67106 9 4753 3.67106 9 4753 3.67124 9 4753 3.67742 9 4753 3.67742 9 4753 3.67752 9 4753 3.67752 9 4753 3.67752 9 4753 3.67752 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4753 3.67753 9 4763 3.67738 9 4763 3.67738 9 4763 3.67738 9 4763 3.67738 9 4763 3.67384 9 4763 3.67384 9 4763 3.67384 9 4763 3.67384 9 4763 3.67834 9 4763 3.67834 9 4763 3.67384 9 4763	4690	3.67117	9	4720	3.67394	9	4750	3.67669	9
4694 3.67164 9 4728 3.67423 9 4753 3.67897 9 4768 3.67173 9 4728 3.67440 9 4728 3.67440 9 4728 3.67453 9 4758 3.67724 9 4729 3.67281 9 4729 3.67477 9 4759 3.67722 9 4730 3.67228 9 4732 3.67540 9 9 4759 3.67724 9 4729 3.67477 9 4759 3.67724 9 4730 3.67228 9 4732 3.67504 9 4759 3.67724 9 4732 3.67504 9 4759 3.67738 9 4759 3.67738 9 4759 3.67387 9 9 9 4759 3.67387 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			9			10			9
4695 3.67164 9 4725 3.67440 4756 3.67115 9 4726 3.67449 9 4757 3.67124 9 4758 3.67149 9 4757 3.67132 9 4759 3.67120 9 4700 3.67210 9 4730 3.67287 9 4731 3.67459 9 4761 3.67124 9 4732 3.6753 9 4761 3.67127 9 4762 3.67170 9 4762 3.67170 9 4763 3.67287 9 4732 3.67532 9 4734 3.67287 9 4735 3.67532 9 4735 3.67			9			9			9
4693 3.67181 9			9			9			9
4709 3.67201 9 4730 3.67477 9 4753 3.67752 10 4700 3.67210 9 4730 3.67281 9 4732 3.67504 0 4702 3.67287 9 4733 3.67504 0 4703 3.67287 9 4733 3.67514 0 4734 3.67528 4763 3.67286 9 4735 3.67541 9 4734 3.67528 9 4763 3.67381 0 4735 3.67541 0 4735 3.67560 9 4766 3.67381 10 4738 3.67560 9 4768 3.67284 9 4739 3.67560 9 4768 3.67284 9 4739 3.67560 9 4768 3.67384 9 4739 3.67589 9 4768 3.67384 9 4739 3.67589 9 4768 3.67384 9 4739 3.67589 9 4768 3.67384 9 4739 3.67589 9 4768 3.67384 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67589 9 4768 3.67384 9 9 4739 3.67389 9 4739 3.67389 9 4768 3.67384 9 9 4739 3.67389 9 4769 3.67384 9 9 4739 3.67389 9 4768 3.67384 9 9 4739 3.67389 9 4768 3.67384 9 9 4739 3.67389 9 4768 3.67384 9 9 4768 3.6738			9			9			9
4701 3.67219 4731 3.67495 9 4762 3.67770 9 4702 3.67287 9 4733 3.67504 9 4763 3.67179 9 4764 3.67179 9 4765 3.67267 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4736 3.67284 9 4738 3.67560 9 4738 3.67284 9 4738 3.67560 9 4738 3.67284 9 4738 3.67560 9 4738 3.67384 9 4738 3.6	4699	3.67201	9	4729	8.67477	9	4759	3.67752	9
4703 3.67287 9 4733 3.67514 9 4764 3.67788 9 4764 3.67797 9 4765 3.67265 9 4734 3.67528 9 4766 3.67365 9 4736 3.67541 9 4736 3.67265 9 4736 3.67541 9 4736 3.67381 10 4738 3.67540 9 4768 3.67284 9 4738 3.67560 9 4768 3.67284 9 4739 3.67560 9 4768 3.67384 9 4739 3.67569 9 4769 3.67284 9 4739 3.67569	470L	2.67219	9			9	4761	3.67770	9
4705 3.67256 9 4735 3.67532 9 4765 3.67806 9 4766 3.67265 9 4736 3.67550 10 4738 3.67550 10 4768 3.67284 9 4739 3.67293 9 4739 3.67550 9 4768 3.67825 9 4739 3.67283 9 4739 3.67550 9 4768 3.67834 9 4739 3.67283 9 4739 3.67560 9 9 4768 3.67834 9 9 4739 3.67838 9 9 4739 3.67838 9 9 4739 3.67843 9 9 4739 3.67843 9 9 4739 3.67843 9 9 4739 3.67843 9 9 4739 3.67843 9 9 4739 3.67843 9 9 9 4739 3.67843 9 9 9 4739 3.67843 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4708	3.67287	_	4733	3.67514	10	4763	8.67788	וש
4707 3.67274 19 4737 3.67550 10 4768 3.67284 9 4738 3.67560 9 4767 3.67834 9 4769 3.67293 9 4769 3.67843 9 4769 3.67843	4705	3.67256	- 1	4735	3.67532		4765	3.67806	9
4709 3.67293 9 4739 3.67569 9 4769 3.67843 9	4707	3.67274	- 1	4737	3.67550		4767	3.67825	1 и
	4709	3.67293	0	4739	3.67569	0	4769	3.67843	1

	1. 19 30	-		1. 20 U			1.20 80"	1
N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
4770	3.67852		4800	3.68124	ا ا	4830	3.68395	
4771	3.67861	9	4801	3.68133	9	4831	3.68404	9
4772	3.67,870	- 1	4802	3.68142	9	4832	3.68413	9
4773	3.67879	9	4803	3.68151	9	4833	3.68422	9
4774	3.67888	9	4804	3.68160	9	4834	3.68431	9
4775	3.67897	9	4805	3.68169	9	4835	3.68440	9
4776	3.67906	10	4806	3.68178	9	4836	3.68449	9
4777	3.67916	9	4807	3.68187	9	4837	3.68458	9
4778	3.67925	9	4808	3.68196	9	4838	3.68467	9
4779	3.67934	9	4809	3.68205	10	4839	3.68476	9
4780	3.67943	9	4810	3.68215	9	4840	3.68485	9
4781	3.67952	9	4811	3.68224	9	4841	3.68494	8
4782	3.67961	9	4812	3.68233	9	4842	3.68502	9
4783	3.67970	9	4813	3.68242	9	4843	3.68511	9
4784	3.67979	9	4814	3.68251	9	4844	3.68520	9
4785	3.67988	9	4815	3.68260	9	4845	3.68529	9
4786	3.67997	9	4816	3.68269	9	4846		9
4787	3.68006	9	4817	3.68278	9	4847	3.68547	9
1	3.68015	9	4818	3.68287	9	4848	3.68556	9
	3.68024	10	4819	3.68296	9	4849	3.68565	9
4790	3.68034	9	4820	3.68305	9	4850	3.68574	9
4791	3.68043	9	4821	3.68314	9	485 l	3.68583	9
4792	3.68052	9	4822	3.68323	9		3.68592	9
4793		9	4823	3.68332	9		3.68601	9
4794	3.68070	9	4824	3.68341	9	4854	3.68610	9
4795		9	4825	3.68350	9	4855	3.68619	y
4796	3.68088	•	4826	3.68359	9	4856	3.68628	y
4797	3.68097	9	4827	3.68368	9	4857	3.68637	9
	8.68106	9	4828	3.68377	•	4858	3.68646	9
	3.68115	9	4879	3.68386		4859	3.68655	9
4800	3.68124		14630	3.68395	۱ ۱	4200	3.68664	,

N. Log. D. N. Log. D. N. Log. 4890 3.68931 D. 4920 3.69	
4960 2 69664 4990 2 69921 4990 2 69	⊡
	197
4861 3.68673 4891 3.68940 4921 3.69	205 8
4862 3.68681 8 4892 3.68949 9 4922 3.69	214
4863 3.68690 4893 3.68958 4923 3.69	223
4864 3.68699 9 4894 3.68966 8 4924 3.69	
4865 3.68708 9 4895 3.68975 9 4925 3.69	241 8
4866 3.68717 4896 3.68984 4926 3.69	249
4867 3.68726 4897 3.68993 4927 3.69	258
4868 3.68735 4898 3.69002 4928 3.69	201
4869 3.68744 4899 3.69011 4929 3.69	276
4870 3.68753 9 4900 3.69020 8 4930 3.69	285
4871 3.08762 4901 3.09028 4931 3.09	294
4872 3.68771 ₀ 4902 3.69037 ₀ 4932 3.69	302
4873 3.68780 4903 3.69046 4933 3.69	311
4874 3.68789 8 4904 3.69055 9 4934 3.69	
4875 3.68797 9 4905 3.69064 9 4935 3.69	
4876 3.68806	999
	0 1
4878 3.68824 9	
4880 3.68842 9 4910 3.69108 9 4940 3.69	
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4881 3.68851 9 4911 3.69117 9 4941 3.69 4882 3.68360 9 4912 3.69126 9 4942 3.69	
4883 3.68869 4913 3.69135 9 4948 3.69	
4884 3.68878 4914 3.69144 4944 3.69	
4995 2 64996 8 4415 2 60152 8 4045 2 64	
4886 3.68895 9 4916 3.69161 9 4946 3.69	
4887 3.68904 9 4917 3.69170 9 4947 3.69	- 9
4888 8.68913 4918 8.69179 4948 3.69	10
4889 2.68922 4919 3.69188 4949 2.69	10 1
4890 3.68981 4920 3.69197 4950 3.69	14

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N.	Log.	D.	N.	1. 28' 0" Log.	D.	N.	Log.	D.
	8.69461 3.69469	8		3.69728 3.69732	9		3.69984 3.69992	8
	3.69478	9	4982		8	5012	8.70001	9
	3.69487 3.69496	9	4983	3.69749 3.69758	9		3.70010 3.70018	8
	3.69504	8	4985	3.69767	9	5015	3.70027	9
	3.69513 3.69522	9		3.69775 3.69784	9		3.70036 3.70044	
	8.69531	9		3.69793	9		3.70053	9
	3.69539 8.69548	9		3.69801 3.69810	9	5019 5020		8
	8.69557	9		3.69819	9	5021		9
	3.69566 3.69574	8		3.69827 3.698 8 6	9		3.70088 3.70096	8
	3,69583	9		3.69845	9		8.70105	9
4965	3.69592 3.69601	9	4995 4996	3.69854 3.69862	8	5025 5026		8
4967	3.69609	8	4997		9	5027		9
	3.69618 3.69627	9		3.69880 8.69888	8		3.70140 3.70148	8
4970	3 69636	9	5000	3.69897	9	5030	3.70157	9
	8.69644 8.69653	9	5001 5002	3.69906 3.69914	8	5031 50 32		9
4978	8.69662	9	5003		9	5033	3.70183	9
4974 4975	3.69671 3.69679	8	5004 5005	3.69982 3.69940	8		3.70191 3.70200	9
4976	3.69688	9	5006	3.69949	9	5036	3.70209	8
	3.69697 3.69705	8	5007 5008	3.69958 3.69966	8		3.70217 3.70226	9
4979	3.69714	9	5009	3.69975	9	5039	3.70234	8
4980	3.69723		19910	3.69984		10040	3.70243	ı

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N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
5040	3.70243		5070	3.70501		5100	8.70757	
504 I	3.70252	9	5071	3.70509	8		2.70766	9
5042	3.70260	9	5072	3.70518	8	5102	8.70774	8
5043	3.70269	,	5078	3.70526	1	5108	3.70783	9
5044	3.70278	8	5074	8.70585	9	5104	3.70791	8
5045	3.70286	•	5075	3.70544	8	5105	3.70800	10 1
5046		8	5076	3.70552	9	5106	8.70808	8
5047		9	1	3.70561	8		2.70817	8
5048	3.70312	9	5078	3.70569	•	5108	3.70825	9
5049	3.70321	8	5079	3.70578	8	5109	3.70334	8
	3.70329	•		3.70586	•	5110		ů
5051	3,70838	8	5081	3.70595	8	5111	3. 70851	8
5052	3.70346		5082	3.70603	9	5112	3.70859	ů
5053		9		3.70612	9	5113	3.70868	8
5054	3.70364	8	5084	3.70621	8	5114	8.70876	9
5055		•	5085	3.70629	9	5115	3.70885	8
	3.70381	8		3.70638	8	5116	3.70893	å
5057	3.70389	•	5087	3.70646		5117	8.70902	8
5058		8	1 1	3.70655	8		3.70910	9
5059		•		3.70663	9		3.70919	8
5060		9		3.70672	8	5120	3.70927	8
5061	3.70424	8		3.70680	9	5121	3.70985	9
	3.70432	9		2.70689	8	5122		8
	3.70441	8	5093	3.70697	9	5128	8.70952	9
	3.70449	9		3.70706	8		3.70961	8
	3.70458	9	5095	3.70714	9		8.70969	9
	3.70467	8	5096	3.70723	8		3.70978	8
5067	3.70475	9	5097	3.70731	9	5127	2.70986	9
	3.70484	8		8.70740	9	5128	8.70995	8
	3.70492	9		8.70749	8	5129	2.71003	اۃا
5070	3.70501		1010	2.70757		9180	3.71012	

N.	1.25 80" Log.	D.	N.	Log.	D.	N.	1.26 30 Log.	ъ.
5180 5181 5132	3.71012 3.71020 3.71029	8	5160 5161 5162	3.71265 3.71273 3.71282	8 9	5190 5191 5192	3.71517 3.71525 3.71538	8 8
5183 5184	3.71087 3.71046	8 9 8	51 63 51 64	3.71290 3.71299	8 9 8	5193 5194	3.71542 3.71550	9
	3.71071	8	5165 5166 5167	3.71307 3.71315 3.71324	8 9 8	5195 5196 5197	3.71559 3.71567 3.71575	8 9
5189 5140		9	5168 5169 5170	3.71882 3.71841 3.71849	9 8	5198 5199 5200	3.71584 3.71592 8.71600	8
	3.71105 3.71113 3.71122	8	5171 5172 5173	3.71357 3.71366 3.71374	9 8 9		3.71609 3.71617 3.71625	8
5144 5145 5146	3.71130 3.71139 3.71147	8	5174 5175 5176	3.71383 3.71391 3.71399	8 8	5205	3.71634 3.71642 3.71650	9 8 8
5147 5148 5149	8.71155	8 9 8	5177 5178 5179	3.71408 3.71416 3.71425	9	5207	3.71659 3.71667 3.71675	8
5150 5151	3.71181 3.71189	9 8 9	5180 5181	3.71488	8	5210 5211	3.71684 3.71692	9 8 8
5158 5154	3.71198 3.71206 3.71214	8 8 9	5183 5184	3.71450 3.71458 3.71466	8	5218 5214	3.71700 3.71709 3.71717	9 8
5155 5156 5157	3.71240	8 9 8	5185 5186 5187	3.71475 3.71483 3.71492	8 9 8	5215 5216 5217	3.71725 3.71734 3.71742	9
5159	3.71248 3.71257 3.71265	9	5188 5189 5190	3.71500 3.71508 3.71517	8	5218 5219 5220	8.71750 8.71759 8.71767	9

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Ŋ.	1. 27' 0" Log.	D,	N.	1. 27' 30" Log.	D.	N.	1. 28' 0" Log.	D.
5220	2.71767	8	5250	3.72016	8	5280	3.72263	
5221		9		3.72024	8		8.72272	8
5222 5223		8		3.72032	9		3.72280	8
	3.71792 3.71800	8		3.72041 3.72049	8		2.72288 3.72296	8
	3.71809	9		8.72057	8		3.72804	8
5226	3.71817	8 8	5256	3.72066	9	5286	3.72318	9
	8.71825	9		3.72074	8		3.72321	8
	3.71834 3.71842	8		3.72082 3.72090	8		3.72329 3.72337	8
	3.71850	8		3.72099	9		3.72346	9
	3.71858	8		3.72107	8		3.72354	8
	3.71867	š		3.72115	8		3.72362	å
	3.71875 3.71883	8		3.72123 3.72132	9		3.72370 3.72378	8
	3.71892	9		3.72140	8		3.72387	9
	8.71900	8		3.72148	8		3.72395	8
5237	3. 71908	8	5267	3.121301	8	5297	3.72403	8 8
	3.71917	6		3.72165	- 1		8.72411	i
		8		3.72173	•		3.72419 3.72428	9
	3.71941	В		3.72189	e ii		3.72436	8
	2 71950	9		8.72198	9 J		8.72444	8
5243	3.71958	8	5273	5.72200	8	5308	3.724521	8
	3.71966			3.72214	اۃ		8,72460	š
	3.71975 3.71983	В		3.72222 3.72230			3.72469 3.72477	8
	2.71901	В		3.72289	9		2 79485	8
	8.71000	5 <u> </u>		1.72247	5 N		12492	8
	3.72008 _[]			8.72255			8.72501	š
52501	8,72016		5280	3.72268		5310	8.72509	

N.	1.28' 80"		N.	1. 29' 0"		N.	1.29'30"	
<u> </u>	Log.	D.	14.	Log.	D.	IV.	Log.	D.
5310	3.72509	y		3.72754	8		3.72997	9
5811 5812	3.72518 3.72526	8		3.72762	8		8.73006	8
5313	3.72534	8		3.72770	9		3.73014	8
5314	3.72542	8	I -	3.72779 3.72787	8		3.73022 3.73030	8
5815		8		3.72795	8		3.73038	8
5316	3.72558	8	5846	3.72803	8	5376	3.73046	8
5317	3.72567	9	5347	3.72811	8		8.78054	8
5318	3.72575	8	5348	3.72819	8	5378	3.73062	8
5319	3.72583	8	ľ	3.72827	8		3.73070	8
5320 5821	3.72591 3.72599	8	ı	3.72835 3.72843	8		3.73078	8
5322	3.72607	8			9		3.73086	8
5323	3.72616	9		3.72852 3.72860	8		3.73094 3.73102	8
5324	8.72624	8		3.72868	8		3.73111	9
5325	3.72632	8	5355	3.72876	8	5385	3.73119	8
5826		8		8.72884	8	5386	3.73127	8
5327	3.72648	8		3.72892	8	5887	3.73135	8
5328	3.72656	9	1	8.72900	8		3.73143	8
5 329 5 3 30	3.72665 3.72673	8	5359	3,72908 3,72916	8		3.73151 3.73159	8
5331	3.72681	8			9			8
5332		8	5861 5362	3.72925 3.72933	8	5391 5392	3.73167 3.73175	8
5333		8		8.72941	8		3.73183	8
5334	3.72705	8	5364	3.72949	8		3.73191	8
5335	3.72713	8		3.72957	8	5395	3.73199	8
5336		8		8.72965	8	5396	3.78207	8
5337	3.72730	8	5867	3.72973	8	5397	3.73215	8
5338	3.72738 3.72746	8		3.72981	8		3.73223	8
	3.72754	8		3.72989 3.72997	8		3.73231 3.73239	8
			30.0		_	3100		

N.	1. 30' 0" Log.	D.	N.	1. 30' 30" Log.	D.	N.	1. 81' 0" Log.	D.
5401	3.73239 3.73247	8	5431	3.73480 3.73488	8	546 l	3.73719 3.73727	8 8
5403	3.73255 3.73263 3.73272	8	5433	3.73496 3.73504 3.73512	8 8	5463	3.73785 2.73743 3.73751	8 8
5406	3.73280 3.73288	8 8	5436		8	5466		8 8 8
5408	3.73296 3.73304 3.73312	8		3.73536 3.73544 3.73552	8		2.73775 8.73783 3.73791	8 8
5411	3.73320 3.73328 3.73336	8	5441	3.73560 3.73568 3.73576	8 8 8	5471	3.73799 3.73807 3.73815	8 8 8
5413	3.73344 3.73352	8	5442 5443 5444	3.73584 3.73592	8 8 8	5478		8 7 8
	2.73360 3.73368 3.73376	8 8		3.73600 3.73608 3.73616	8		3.73838 3.73846 3.73854	8
5418 5419	3.73384 3.73392	8	1 1	3.73624 3.73682	8 8	5478 5479	3.73870	8 8 8
5421	3.73400 3.73408 3.73416	8	5451	3.73648 3.73648 3.73656	8 8	5481	3.73878 3.73886 3.73894	8
5428 5424	3.73424 3.73432	8 8 8	5454	3.73664 3.73672 3.73679	8	5484	3.73902 3.73910	8 8 8
5426	3.73448 3.73448 3.73456	8 8	5456	3.73687 3.73695	8	5486	3.73918 3.73926 3.78933	8 7 8
5429	3.78464 3.78472 3.78480	8	5459	3.73703 3.73711 3.78719	8	5489	3.73941 3.73949 3.7 39 57	8

N.	1. 31' 30" Log.	D.	N.	1. 32 0" Log.	D.	N.	1.32'30" Log.	D.
5491	3.73957 3.73965	8	5521	8.74194 3.74202 3.74210	8 8	5551	8.74429 8.74487 3.74445	8 8
5493	3.73973 3.73981 3.73989	8	5523	3.74218 3.74225	8 7 8	5553	3.74453 3.74461	8 · 8 7
5496	3.73997 3.74005 3.74013	8	5526	3.74233 3.74241 3.74249	8 8	5556	3.74468 3.74476 3.74484	8
5498 5499	3.74020 3.74028	7 8 8	5528 5529	3.74257 3.74265	8 8 8	5558 5559	3.74492 3.74500	8 8 7
5501	3.74036 3.74044 3.74052	8 8	5531	3.74273 3.74280 3.74288	7 8	5561 5562	3.74507 3.74515 3.74528	8 8
5504	3.74068 3.74068 3.74076	8	5584	3,74296 3,74304 3,74312	8 8 8	5564	3.74581 3.74589 3.74547	8 8 8
5506 5507	3.74084 3.74092	8 8 7	5536 5537	3.74320 3.74327	8 7 8	5566 5567	3.74554 3.74562	7 8 8
5509	3.74099 3.74107 3.74115	80 80 80	5539	8.74385 8.74343 3.74851	8	5569	3.74570 3.74578 3.74586	8 8 7
5512	3.74123 3.74131 3.74139	8 8	5542	3.74359 8.74367 3.74374	8 8 7	5572	3.74593 3.74601 3.74609	8 8
5514 5515	3.74147 3.74155	8 8 7	5544 5545	3,74382 3,74390	8 8 8	5574 5575	3.74617 3.74624	8 7 8
5517	3.74162 3.74170 3.74178	8 8 8	5547	3.74398 3.74406 3.74414	8 8 7	5577	3.74632 3.74640 3.74648	8
	3.74186 3.74194	2		3,74421 8,74429	è		3.74656 3.74663	8

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	3.74663	8		3.74896	8		3.75128	8
	3.74671 3.74679	8		3.74904 3.74912	8		3.75186 3.75143	7
5583	3.74687	8		3.74920	8	5643	3.75151	8
	3.74695	7		3.74927	8		3.75159	8
	3.74702 8.74710	8		3.74985 3.74943	8	-	3.75166 3.75174	8
5587	8.74718	8	5617	8.74950	7	5647	3.75182	8
	3.74726	7		3.74958	8		3.75189	8
5589 5590	3.74738 3.74741	8	5619 5620		8	5649 5650	3.75197 3.75205	8
5591		8		3.74981	7		3.75213	8
	8.74757	7	5622		8		3.75220	8
5598 5594	8.74764 8.74772	8	5624	3.74997 3.75005	8		3.75228 3.75236	8
5595	8.74780	8	5625	3.75012	7		3.75248	7
5596 5597	3.74788 8.74796	8		8.75020 3.75028	8		3.75251 3.75259	8
	3.74803	7		3.75035	7		3.75266	7
5599	8.74811	8	5629	3.75043	8	5659	8.75274	8
	8.74819	8		3.75051	8		3.75282	7
	3.74827 3.74834	7		3.75059 8.75066	7		3.75289 3.75297	8
5603	3.74842	8	5633		8 8	5663	3.75305	7
	3.74850 3.74858	8		3.75082	7		3.75312 3.75320	8
	8.74865	7	5636	8.75089 8.75097	8		3.75328	8
,	2.74873	8	5637	3.75105	8		3.75335	8
	8.74881 8.74889	8		8.75118 8.75120	7		8.75848 8.75851	8
	3.74896	7		3.75128	8		8.75358	7

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5671 3.75366 8 5701 3.75595 8 5732 3.75831 7 5673 3.75374 7 5703 3.75618 8 5732 3.75831 7 5675 3.75397 8 5704 3.75618 8 5734 3.75838 8 5675 3.75404 8 5705 3.75626 7 7 5733 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75868 8 5734 3.75861 7 5736 3.75861 7 5736 3.75861 7 5736 3.75861 8 5739 3.75861 8 5739 3.75861 7 5733 3.75861 7 5733 3.75861 7 5733 3.75861 7 5733 3.75861 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>l</td>									l
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3673 3.75381 8 7 5703 3.75610 8 5733 3.75836 7 5674 3.75397 8 5704 3.75618 8 5734 3.75836 7 5676 3.75444 7 5706 3.75620 7 5735 3.75861 7 5678 3.75420 8 5708 3.75648 8 5737 3.75861 7 5679 3.75427 7 5709 3.75668 8 5738 3.75881 7 5680 3.75428 7 5710 3.75668 8 5742 3.75891 8 5683 3.75485 8 5712 3.75668 8 5742 3.75991 8 5742 3.75991 7 5742 3.75921 8 5742 3.75921 8 5742 3.75921 8 5742 3.75921 8 5742 3.75921 7 5742 3.75921 7 5742 3.75921			8			8			8
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\$\frac{5678}{5678} \ \frac{3.75420}{5678} \ \frac{3.75420}{5679} \ \frac{7}{5679} \ \frac{3.75427}{5680} \ \frac{3.75427}{5680} \ \frac{3.75427}{5681} \ \frac{3.75427}{5682} \ \frac{3.75427}{5682} \ \frac{3.75428}{5719} \ \frac{5711}{3.75668} \ \frac{8}{5739} \ \frac{3.75848}{5749} \ \frac{3.75849}{3.75848} \ \frac{7}{7} \ \frac{5741}{5682} \ \frac{3.75485}{3.75485} \ \frac{7}{7} \ \frac{5741}{5682} \ \frac{3.75485}{3.75485} \ \frac{7}{7} \ \frac{5741}{3.75992} \ \frac{3.75906}{8} \ \frac{8}{5684} \ \frac{3.75485}{3.75486} \ \frac{8}{7} \ \frac{5712}{3.75694} \ \frac{8}{8} \ \frac{5742}{3.75921} \ \frac{3.75921}{3.75921} \ \frac{5746}{3.75921} \ \frac{3.75921}{3.75922} \ \frac{5746}{3.75922} \ \frac{3.75921}{3.75922} \ \frac{5746}{3.75922} \ \frac{3.75921}{3.75922} \ \frac{5746}{3.75922} \ \frac{3.75922}{3.75526} \ \frac{5719}{3.75526} \ \frac{3.75724}{3.75922} \ \frac{5746}{3.75922} \ \frac{3.75922}{3.75526} \ \frac{5723}{3.75922} \ \frac{7}{3.75526} \ \frac{5749}{3.75526} \ \frac{3.75922}{3.75526} \ \frac{5723}{3.75922} \ \frac{7}{3.75526} \ \frac{5754}{3.75922} \ \frac{7}{3.75526} \ \frac{5754}{3.75922} \ \frac{7}{3.75922}			7			7			8
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5763	3.76057 3.76065	8	5793	3.76283 3.76290	7		3.76507 3.76515	8
5765	3.76072 3.76080	8	5795	3.76298 3.76305	8 7 8		3.76522 3.76530	7 8 7
5767	3.76087 3.76095	8	5797	3.76313 3.76320	7	5827	3.76537 3.76545	8
5769	3.76103 3.76110	7 8	5799	3.76328 3.76335	7 8	5829	3.76552 3.76559	7 8
5771	3.76118 3.76125 3.76133	7 8	5801	3.76343 3.76350	7 8	5831	3.76567 3.76574	7
5773	3.76140 8.76148	7 8	5803	3.76358 3.76365 3.76373	7 8	5833	3.76582 3.76589 3.76597	7 8
5775	3.76155 3.76163	8	5805	3.76380 3.76388	8	5835	3.76604 3.76612	7 8
	3.76170 3.76178	7 8	5807	3.76395 3.76403	7 8 7	5837	3.76619 3.76626	7
	3.76185 3.76193	8 7		3.76410 3.76418	8		3.76634 3.76641	8 7 8
5782	3.76200 3.76208	8 7	5812	3.76425 3.76433	8	5842	3.7 664 9 3.7 6 656	7 8
5784	3.76223	8	5814	3.76440 3.76448	8	5844	3.76664 3.76671	7 7
5786	3.76230 3.76238 3.76245	8 7	5816	3.76462	7 8	5846	3.76678 3.76686	8
5788	3 76253	8 7	5818	3.76477	7 8	5848	3.76701	8
	3.76268	8		3.76492	7		3.76716	8

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N.	1. 37' 30" Log.	D.	N.	Log.	D.	N.	Log.	ט
5850 5851	3.76716 3.76723	7	5880 5881	3.76938 3.76945	7	5910 5911	3.77159 3.77166	7
5852	3.76730	7	5882	3.76953	8	5911	3.77173	7
5853 5854	3.76738 3.76745	7	5883 5884	3.76960 3.76967	7	5913 5914	3.77181	7
5855	3.76753	8	5885	3.76975	8	5915	3.77195	7 8
5856 5857	3.76768	8	5887	3.76982 3.76989	7 8	5917	3.77203 3.77210	7
5858 5859		7	5888 5889	3.76997	7		3.77217 3.77225	8
5860 5861		8	5890 5891	3.77012 3.77019	8	5920	3.77232 3.77240	8
5862		8 7	5892	3.77026	7 8	5922	3.77247	7
5863 5864		7	5893 5894	3.77034 3.7704 1	7	5923 5924		8
5865 5866		8	5895 5896	3.77048 3.77056			3.77269 3.77276	7
5867	3.76842	8	5897	3.77063	7	5927	3.77283	7
5868 5869		7	5898 5899	3.77070 3.77078		5928 5929		7
5870 5871	3.76864	7	5900 5901	3.77085 3.77093	8	5930 5931		8
5872	3.76879	8	5902	3.77100	7	5932	3.77320	7
5873 5874	3.76886	7	5903 5904	3.77107 3.77115	8	5933 5934	3.77327 3.77335	8
5875 3876	3.76901 3.76908	8	5905 5906	3.77122 3.77129	7	59 3 5 59 3 6		7
5877	3.76916	8	5907	3.77137	8	5937	3.77357	8
5879	3.76923 3.76930	7	5909	3.77144 3.77151	7		3.77371	7 8
5880	3.76938	-	5910	3.77159	۱۰ '	5940	3.77879	<u> </u>

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N.	1. 39' 0" Log.	D.	N.	1.39' 80" Log.	D.	N.	Log.	D.
	3.77379 3.77 3 86	7		3.77597 3.77605	8		3.77815 3.77822	7
5942	3.77393	7 8	5972	3.77612	7	6002	3.77830	8
5944	3.77401 3.77408	7	5974	3.77619 3.77 62 7	8	6004	3.77837 3.77844	7 7
	3.77415 3.77422	7		3.77634 3.77641	7		3.77851 3.77859	8
	3.77430 3.77437	8		3.77648 3.77656	7 8		3.77866 3.77873	7
5949	3.77444 3.77452	7	5979	3.77663 3.77670		6009	3.77880 3.77887	7
5951	3.77459	7	5981	8.77677	7	6011	3.77895	8
5958	3.77476 3.77474	8	5983	3.77685 3.77692		6013	3.77902 3.77909	7
	3.77481 3.77488	7		3.77699 3.77706	7		3.77916 3.77924	8
	3.77495 3.77503	7 8		3.77714 8.77721	7		3.77931 3.77938	7
	3.77510 3.77517	7		3.77728 3.77735	7		3.77945 3.77952	7
5960	3.77525 3.77532	8	5990	3.77743	7	6020	3.77960	8
5962	3.77539	7	5992	3.77750 3.77757	7	6022	3.77967 3.77974	7
5964	3.77546 3.77554	8	5994	3.77764 3.77772	17 1	6024	3.77981 3.77988	7
	3.77561 3.77568	7		3.77779 3.77786			3.77 996 3.7800 3	7
	3.77576 3.77583	8		3.77793 3.77801	8		3.78010 3.78017	7
5969	8.77590 8.77597	7	5999	3.77808 3.77815	17	6029	3.78025 3.78032	8

N.	Log.	D.	N.	1. 41' 0" Log.	D.	N.	1.41'80' Log.	D
6031	3.78032 3.78039	7	6060 6061	3.78247 3.78254	7 8	6091	3.78462 3.78469	7
6032 6033 6034	3.78053	7		3.78262 3.78269 2.78276	7	6092 6093 6094		7
6035 6036 6037	3.78068 3.78075	7 7	6065 6066	3.78283 3.78290 3.78297	7 7	6095 6096 6097	3.78497 3.78504	7
6038 6039	3.78089 3.78097	7 8 7	6068 6069	3.78305 3.78312	8 7 7	6098 6099	3.78519 3.78526	7
6040 6041 6042	3.78111	7 7 7	6071 6072	3.78819 3.78826 3.78838	7 7 7		8.78540 3.78547	7
6043 6044 6045		7 8 7	6074	3.78340 3.78847 3.78355	7 8 7		3.78554 3.78561 3.78569	7 8 7
6046 6047 6048	3.78154	7	6077	3.78362 3.78369 3.78376	7	6107	3.78576 3.78583 3.76590	7
6049 6050 6051	3.78176	7 8 7	6079 6080	3.78883 8.78390 3.78398	7 7 8	6109	3.78597 3.78604 3.78611	7 7
6052 6053 6054	3.78190 3.78197	7	6082 6083	3.78405 3.78412 3.78419	7 7 7	6112	3.78618 3.78625 3.78633	7 7 8
6055 6056	3.78211 3.78219	7 8 7	6085 6086	3.78426 3.78433	7 7	6116	3.78640 3.78647	7 7
6057 6058 6059 6060	3.78233	7 7 7	6089	3.78440 3.78447 3.78455 3.78462	7 8 7	6118 6119	3.78654 3.78661 3.78668 3.78675	7 7 7

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N.	1. 42' 0" Log.	D.	N.	1.42 80" Log.	D.	N.	Log.	D.
	3.78675	7		3.78888	7		8.79099	7
6121 6122	3.78682 3.78689	7	6151 6152	3.78895 3.78902	7	6181 6182	3.79106 3.79113	7
6123	3.78696	7	6152	3.78909	3	6182	3.79120	7
6124	3.78704	8	6154	3.78916	7	6184	8.79127	7
6125		2		3.78923	7		3.79134	7
6126		7		3.78930 3.78937	-		2.79141	7
6127 6128	3.78732	7		3.78 944	7	6187 6188	3.79148 3.79155	7
6129	3.78739	7	1	3.78951	7	6189	3.79162	7
6130		7		3.78958	7	6190	3.79169	7
6131	3.78753	7		3.78965	7	6191	3.79176	7
6132 6133	3.78760 3.78767	7		3.78972 3.78979	7	6192 6193	3.79183 3.79190	7
6134		7		3.78986	7	6194	3.79197	7
6135	3.78781	7	6165	3.78993	7	6195	3.79204	7
	3.78789	8		3.79000	7		8.79211	7
	2.78796	7		3.79007	7		8.79218	7
6138	3.78803 3.78810	7	6168 6169	3.79014 3.79021	7	6198	3.79225 3.79232	7
	3.78817	7	,	3.79029	8		3.79239	7
6141	3.78824	7	6171	2.79036	7	6201	3.79246	7
	2.78831	7		3.79043	7		3.79253	7
6143	3.78838	7		3.79050	7		3.79260	7
6144	3.78845 3.78852	7	6174	3.79057 3.79064	7	6204 6205	3.79267 3.79274	7
6146	3.78859	7	6176	3.79071	1	6206		7
6147	2.78866	7	6177	3.79078	7	6207	3.79288	7
6148	3.78878	7	6178		7		8.79295	7
6149	3.78880 3.78888	8	6180	3.79092 3.79099	17 1		3.79302 3.79309	7
4120		'	4140	2.17089	<u> </u>			

N.	I. 43' 80" Log.	D.	N.	1. 44' 0" Log.	D.	N.	1.44' 80" Log.	D.
6211	3.79809 3.79316 3.79828	7 7	6240 6241 6242		7	6270 6271 6272		7 7
	3.79330 3.79337	7 7 7	6243 6244	3.79539	7 7 7	6212 6213 6214	3.79748	7 6
6215 6216 6217	3.79844 3.79351 3.79358	7	6246	3.79553 3.79560 3.79567	7	6275 6276 6277	3.79768	7 7 7
$\frac{6218}{6219}$	3.79365 3.79372 3.79379	7	6248 6249		7	6278	3.79782 3.79789	7
6221 6222	3.79386 3.79393	7	6251 6252	3.79595 3.79602	7	6281 6282	3.79808 3.79810	7 7
$6223 \\ 6224 \\ \hline 6225$		7	6254	3.79609 3.79616 3.79623	7	11	3.79817 3.79824 3.79831	7
6226 6227 6228	3.79421 3.79428 8.79435	17	6256 6257 6258		7 7	6237	3.79837 3.79844 3.79851	6 7 7
6229 6230	3.79442 3.79449	7	6259 6260	3.79650 3.79657	7 2	6289 6290	3.79858 3.79865	7 7
	3.79456 3.79468 3.79470	17	6261 6262 6263	3.79671	7	6292	3.79872 3.79879 3.79886	7 7
R	8.79477 8.79484 8.79491	7	6264 6265 6266	3.79692	7	6295	3.79893 3.79900 3.79906	6
6288	3.79498 3.79505 3.79511	6	H	3.79706 3.79713 3.79720	7	6297 6298 6299	3.79920	7 7 7
	8.79518	7		3.79727		H	3.79984	7

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N.	1. 46' 0" Log.	D.	N.	1.46 80" Log.	D.	N.	1. 46' 0" Log.	D.
6390	3.79934		6330	3.80140		6860	3.80346	
6301	3.7994 I	7	6881	3.80147	7	6861	3.80353	6
	3.79948	7		3.80154 3.80161	7		3.80359 3.80366	7
	3.79962	7		8.80168	7		3.80373	7
	3.79969	7	1	3.80175	7		3.80380	7
	3.79975 3.79982	7	6336 6337	3.80182 3.80188	6		3.80387 3.80 39 3	6
	3.79989	7		3.80195	7		3.80400	7
	3.79996	7		3.80202	7 7		3.80407	7
	3.80003 3.80010	7		3.80209 3.80216	7		3.80414 3.80421	7
	3.80017	7		3.80223	7		3.80428	7
6313	3.80024	7	6343	3.80229	6	6373	3.80484	6
6314	3.80030	7	6344		7	6374		7
	3.80037 3.80044	7		3.80243 3.80250	7		3.80448 3.80455	7
6317	3.80051	7	6347	3.80257	7	6377	3.80462	7
6318	3.80058 3.80065	7		3.80264 3.80271	7	6378 6379		7
	3.80072	7		3.80277	6	1	3.80482	7
	3.80079	7 6		3.80284	7		3.80489	7
	3.80085 3.80092	7		3.80291 3.80298	7		3.80496 3.80502	6
	3.80099	7		3.80305	7	6384		7
6325	3.80106	7	6355	3.80312	7	6885		7 7
	3.80113	7		3.80318 3.80325	7	6386	3.80523 3.80520	7
	3.80120 3.80127	7		8.80325 3.80332	7	,	3.80530 3.80536	6
6329	3.80134	7		8.80339	7		3.80543	7
6330	3.80140	ا	6860	3.80346	1	6390	8.80550	ľ

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N.	Log.	D.	N.	1. 47' 0" Log.	D.	N.	1. 47' 3 0" Log.	D.
	3.80550	7		8.80754	6		3.80956	,
	3.80557 3.80564	7	6421 6422	3.80760 3.80767	7	6451 6452	3.80963 3.80969	6
	3.80570 3.80577	7	6428 6424	3.80774 3.80731	7	6453 6454	3.80976 3.80983	7
6395	3.80584	7 7	6425	3.80787	6	6455	3.80990	7
6397	3.80591 3.80598	7	6426 6427	3.80794 3.80801	7 7		3.80996 3.81003	7
	3.80604 3.80611	7	6428	3.80808	6	6458 6459	3.81010 3.81017	7
6400	3.80618 3.80625	7 7	6430	3.80821 3.80828	7 7	6460	3.81023 3.81030	6
6402	3.80632	7	6432	3.80835	7	6462	3.81037	7
	3.80638 3.80645	7 7	6438 6434	3.80841 3.80848	7 7		3.81043 3.81050	7
	3.80652 3.80659	7	6435 6436	3.80855 3.80862	7	6465 6466	3.81057 3.81064	7
6407	3.80665	6 7	6437	3.80868	6	6467	3.81070	6 7
6409	3.80672 3.80679	7 7	6439	3.80875 3.80882	7	6469	3.81077 3.81084	7
	3.80686 3.80693	7	6440	3.80889 3.80895	6		3.81090 3.81097	7
6412	90600	7	6442 6443	3.80902 3.80909	7	6472	3.81104 3.81111	7
6414	3.80713	7 7	6444	3.80916	7	6474	3.81117	6 7
	3.807261	6	6446	3.80922 3.80929	7		3.81124 3.81131	7
	3.80733	7		4 6U0431	7		8.81137 8.81144	7
	2 QA7471	;		3.80949 3.80956	7		3.81151 3.81158	7
		_						

N.	1. 48' 0" Log.	D.	N.	1.48' 80" Log.	D.	N.	1. 49' 0" Log.	D.
6480 6481	3.91158	6	6510 6511	3.81358 3.81365	7	6540 6541	3.81558 3.81564	6
6482	3.81171	7		3.81371	6		3.81571	7 7
6483 6484		6	6513 6514	3.81378 3.81385	7	6543 6544	3.81578 3.81584	6
6485	3.81191	7	6515	3.81391	7	6546	3.81591 3.81598	7
6487	3.81204	6	6517 6518	3.81405	7 6	6547	3.81604 3.81611	6
6489	3.81218	7	6519	3.81418	7	6549	3.81617	6
	3.81224 3.81231	7	6520 6521	3.81425 3.81431	6	6550 6551	3.81624 3.81631	7
	3.81238 3.81245	7		3.81438 3.81445	7	6552 6553	3.81637 3.81644	7
	3.81251	7	6524 6525	3.81451 3.81458	7	6554 6555	3.81651 3.81657	Ġ
	3.81265	6	6526 6527	3.81465	7 6	6556 6557	3.81664 3.81671	7
6498	3.81278		6528	3.81478	7	6558	3.81677	6
	3.81285 3.81291	6		3.81485 3.81491	A 7	6559 6560	3.81684 3.81690	6
6501 6502	3.81298 3.81305	7	6531 65 32	3.81498 3.81505	7	6561 65 62	3.81697 3.81704	7
	3.81311	7		3.81511	7	6563 6564	3.81710	7
6505	3.81325 3.81331	6	6535	3.81525 3.81531	7 6	65 6 5		7
6507	3.81338	7	6537	3.81538	7 6	6567	3.81737	6
6509	3.81345 3.81351 3.81358	6		3.81544 3.81551 3.81558	7	6568 6569	3.81743 3.81750 3.81757	7
6210	10.01030	1	110340	10.01336	<u> </u>	. 0310	0.01101	

	1. 49' 30"			1. 50' 0"		1	1.50'30"	_
N.	Log.	D.	N.		D.	N.	Log.	D.
6570	8.81757		6600	3.81954	_	6630	3.82151	7
6571	3.81763	6	6601	3.81961	7	6631	3.82158	6
6572	3.81770	6	6602	3.81968	6	6632	3.82164	7
6573	3.81776	7	6603	3.81974	7	6633	3.82171	7
6574	3.81783	2	6604	3.81981	6	6634	3.82178	6
6575	3.81790	6	6605	3.81987	7	6635	3.82184	7
6576	3.81796	7	6606	3.81994	6		3.82191	6
6577	3.81803	6	6607	3.82000	7		3.82197	7
6578		7	6608		7		3.82204	6
6579	3.81816	,	6609	3.82014	6	6639	3.82210	7
6580	3.81823	6	6610	3.82020	7	6640	3.82217	6
6581	3.81829	7	6611	3.82027	6	6641	3.82223	7
6582		6	6612	3.82033	7		3.82230	6
	3.81842 3.81849	7	6613		6		3.82236	7
6584		7	6614	3.82046	17	6644	3.82243	6
6585	3.81856	6	6615	3.82053	17	6645	3.82249	7
6586 6587	3.81862 3.81869	7	6616 6617	3.820 6 0 3.82066		6646 6647	3.82256 3.82263	7
		6			7			6
6588 6589		7	6618	3.82073	6	1100-0	3.82269 3.82276	7
6590		7	6620	3.82079 3.82086			3.82282	6
6591	3.81895	6	6621		16		3.82289	7
6592	3.81902	7	6622	3.82092 3.82099	7	665 L	3.82295	6
6593	3.81908	6	6623	3.82105	6		3.82302	7
6594	3.81915	7	6624	3.82112	7		3.82308	6
	3.81921	6	6625	3.82112	7		3.82315	7
6596	3.81928	7	6626	3.82125	6		3.82321	6
6597	3.81935	7	6627	8.82132	7	6657	3.82328	7
6598	3.81941	6	6628	3.82138	6	11000	3.82334	6
6599		7	6629	3.82145	7	6659	3.82341	7
6600	3.81954	"	6630	3.82151	6	6660	3.82347	l _o

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N.	151′ 0″	D.	N.	1.51'30"	D.	N.	1. 52' 0"	D.
74.	Log.	ا.تا	14.	Log.	ט.	74.	Log.	۵.
4660	3.82347	1 1	6690	3.82543		6720	8.82787	
6661		7	6691	3.82549	6	6721	3.82743	6
	3.82360	6		3.82556	7	6722		7
	3.82367	7		3.82562	6	6723		6
	3.82878	6		3.82569	7		3.82763	7
	3.82380	7		3.82575	6	6725		6
	3.82387	7		3.82582	7	6726		7
	3.82393	6		3.82582	6	6727		6
	3.82400	7		3.82595	7		3.82789	7
		6			6			6
	3.82406	7		3.82601	6		3.82795 3.82802	7
6671	3.82418 3.82419	6		3.82607 3.82614	7	6731		6
		7			6			6
	3.82426	6			7	6782		7
	3.82432	7		3.82627	6	6733	3.82821	6
6674		6		3.82633	7	6734		7
	3.82445	7		3.82640	6	6735		6
	3.82452	6		3.82646	7	6736		7
	3.82458	7		3.82653	6	6737		6
6678		اما		3.82659	7	6738	-102000	7
	3.82471	7		3.82666	6	6739		6
6680	3.82478	6	6710	3.82672	7	6740	3.82866	6
6681	3.82484	7	6711	3.82679	8	6741		7
	3.82491	6	6712	3.82685	7	6742		6
6683	3.82497	7	6713	3.82692	6	6743	3.82885	2
6684	3.82504		6714	3.82698	7	6744		11 1
6685	3.82510	7	6715	3.82705	ė	6745	3.82898	7
6686	3.82517	6	6716	3.82711	7	6746	3.82905	1: 1
6687	3.82523	1 - 1	6717	3.82718	:	6747	3.82911	6
6688	3.82530	7	6718	3.82724	•	6748	3.82918	6
6689	3.82536	7	6719	3.82730	7		3.82924	
6690	3.82543	۱. ۱	6720	3.82737	١.	6750	3.82930	١,

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N.	1. 52′ 30″	D.	N.	1. 53 ′ 0″	D.	N.	1.53'30"	ln.
	Log.	۳.		Log.	۳.	11.	Log.	"
	3.82930	7		3.83123	6		3.83315	6
	3.82937	6		3.83129	7		3.83321	6
	3.82943	7		3.83136	6		3.83327	7
	3.82950	6		3.83142	7		3.83334	6
	3.82956 3.82963	7		3.83149	6		3.83340 3.83347	7
		6		3.83155	6			6
	3.82969	6		3.83161	7		3.83353	6
	3.82975 3.82982	7		3.83168 3.83174	6		3.83359 3.83366	7
U		6	i		7		3.83372	6
	3.82988 3.82995	7		3.83181 3.83187	6		3.83378	6
	3.83001	6		3.83193	6		3.83385	7
	3.83008	7		3.83200	7		3.83391	6
	3.83014	6		3.83206	6		3.83398	7
	3.83020	6		3.83213	7		3.83404	6
6765	3.83027	7		3.83219	6	6825	3.83410	6
	3.83033	6		3.83225	6		3.83417	7
6767	3.83040	7	6797	3.83232	7	6827	3.83423	0
6768	3.83046	6	6798	3.83238	6	6828	3.83429	7
	3.83052	6		3.83245	6		3.83436	6
6770	3.83059	6	6800	3.83251	6	6830	3.83442	6
	3.83065	7		3.83257			3.83448	7
	3.83072	6		3.83264	6		3.83455	6
H	3.83078	7	6803	3.83270	6		3.83461	6
	3.83085	6		3.83276	7		3.83467	7
	3.83091	6		3.83283	6		3.83474	6
	3.83097	7		3.83289	7		3.83480	7
	3.83104	6		3.83296	6		3.83487	6
	3.83110	7		3.83302	6		3.83493 3.83499	6
	3.83117 3.83123	6		3.83308 3.83315	7		3.83506	7
2.00	9.00120		10010	19.09913	'	10020	U. 00000	1

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N.	Log.	D.	N.	Log.	D.	N.	1. 55' 0" Log.	D.
6840 6841	3.83506 3.83512	6	6870 6871	3.83 6 9 6 3.83702	10	690 0		6
6842	3.83518	7	6872	3.83708		6902	3.83897	6
6844	3.83531 3.83531 3.83537	6	6874	3.83715 3.83721 3.83727	6	6904	3.83904 3.83910 3.83916	6
6846	3.83544	7	6876	3.83734	7	6906	3.83923	7
6848	3.83550 3.83556	6		3.83746	6	6908	3.83929 3.83935	6
6850	3.83563 3.83569	6	6880	3.83753 3.83759	6	6910	3.83942 3.83948	6
6852	3.83575 3.83582	7	6882	3.83765 3.83771	6	6911	3.83960	6
6854	3.83588 3.83594	6	6884	3.83778 3.83784	6 6	6913 6914	3.83967 3.83973	6
6856	3.83601 3.83607 3.83613	6	6886	3.83790 3.83797	7	6916	3.83979 3.83985	6 7
6858	3.83620	7 6	6888	3.83803 3.83809	6	6918	3.83992 3.83998	6 6
6860	3.83626 3.83632	6	6890	3.83816 3.83822	6 6	6920	3.84004 3.84011	7 6
6862	3.836451	6 6	6892	3.83828 3.83835 3.83841	7	6922	3.84017 3.84023	6
6864	3.83658 3.83664	7 6	6894	3.83847 3.83853	6	6924	3.84029 3.84036	7 6
6866	3.83670	6 7	6896	3.83860	7 6	6926	3.84042	6 7
6863	3.83677 3.83683 3.83689	6 6	6898	3.83866 3.83872 3.83879	6 7	6928	3.84055 3.84061 3.84067	6 6
	3.83696	7		3.83885	6		3.84073	6

N.	1.55'30" Log.	D.	N.	1. 56' 0" Log.	D.	N.	1.56' 30" Log.	D.
	3.84073	7		3.84261	6		3.84448	6
6931 6932	3.84086	6	6962	3.84267 3.84278	6	6991 6992	3.84460	6
6933 6934		6		3.84286	6	69 93 699 4	3.84473	7
6935 6936	3.84105 3.84111	6 6	6966	3.84292 3.84298	6	6995 6996		6
6931 6938	3.84123	6	6968	3.84305 3.84311	6	6997 6998	3.84497	6
	3.84130 3.84136	6	6970	3.84317 3.84323	6	6999 7000	3.84510	6
6941 6942	3.84142 3.84148	6	6972	3.84330 3.84336	6		3.84522	6
6943 6944	3.84161	6	6974		6	7004	3.84528 3.84535	7
6945 6946	3.84167 3.84173	6	6976	3.84354 3.84361	7	7005 7006	3.84547	6
6947 6948	3.84180 3.84186	6		3.84373	6		3.84553 3.84559	6
6949 6950	3.84192 3.84198	6	6980	3.84379 3.84386	7	7010	3.84566 3.84572	6
6951 6952		6	6982	3.84392 3.84398	6	7012	3.84578 3.84584	6
	3.84223	6	6984	3.84404 3.84410	6	7014	3.84590 3.84597	7
6956	3.84230 3.84236	6	6986		6	7016	3.84603 3.84609	6
	3.84242 3.84248 3.84255	6		3.84435	6	7017 7018		6
	3.84255 3.84261	6		3.84442 3.84448	6	7019 70 2 0	3.84628 3.84684	6

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N.	1. 57' 0" Log.	D.	N.	1.57' 80" Log.	D.	N.	Log.	υ.
7020 7021	3.84634 3.84640	6	7050 7051	3.84819 3.84825	6	7080 7081	3.85003 3.85009	6
7022	3.84646	6	7052	3.84831	6 6	7082	3.85016	7
	3.84652 3.84658	6		3.84837 3.84844	7		3.85922 3.85928	6
7025	3.84665	7 6		3.84850	6		8.85034	6
	3.84671 3.84677	6	7057	3.8485 6 3.84862	6	7087	3.85040 3.85046	6
	3.84683	6		3.84868 3.84874	6		8.85052 8.85058	6
7030	3.84696 3.84702	7 6	7060 7061	3.84880 3.84887	6 7		8.85065 8.85071	7 6
7032	3.84708	6	7062	3.84893	6	7092	3.85077	6
	3.84714 3.84720	6		3.84899 3.84905	6		8.85088 8.85089	6
7035	3.84726 3.84733	7	7065 7066	3.84911 3.84917	6	7095 7096		•
7037	3.84739	6 6	7067	8.84924	7 6	7097	3.85107	7
	3.84745 3.84751	6 6	7069	3.84930 3.84936	6	7099	8.85114 3.85120	6
7040 7041	3.84757	6	7070	3.84942 3.84948	6	7100	3.85126	6
	3.84770 3.84776	7 6	7072 7073	3.84954 3.84960	6 6	7102	8.85138 8.85144	6
7044	3.84782	6	7074	3.84967	7 6	7104	8.85150	6
7045 7046	8.84788 3.84794	6	7075 7076	3.84973 3.84979	6		8.85156 8.85163	7
7047	3.54800 3.84807	7	7077	3.84985 3.84991	6 6	7107	3.85169 3.85175	6
	3.84813	6	7079	3.84997	6 E	7109	3.85181	6
7050	3.84819		17080	3,85003		17110	3.85187	

N.	1. 58' 30" Log.	ם.	N.	Log.	Δ.	N.	Log.	D.
7110	3.85187 3.85193	6	7141	3.95370 3.85376	6	7170 7171	3.85552 3.85558	6
$\frac{7112}{7113}$	3.85199 3.85205	6	7142	3.85882 3.85888	6	7172	3.85564 8.85570	6
7115	3.85211 3.85217 3.85224	6	7145	3.85394 3.85400 3.85406	6		3.85576 3.85582 3.85588	6 6
7117 7118	3.85230 3.85236	6	7147 7148	3.85412 3.85418	6	7176 7177 7178	3.85594 3.85600	6 6
7119 7120	3.85242 3.85248	6 6	7149 7150	3.85425 3.85431	6	7179 7180	3.85606 3.85612	6 6
	3.85254 3.85260 3.85266	6	7151 7152 7153	3.85437 3.85443 3.85449	6		3.85618 3.85625 3.85631	7
7124	3.85272 3.85278	6	7154 7155	3.85455 3.85461	6	7184	3.85637 3.85643	6 6
7126 7127	3.85285 3.85291	6	7156 7157	2.85467 3.85478	6 6	718 6 7187	3.85649 3.85655	6
7128 7129 7130	3.85297 3.85303 3.85309	6	7158 7159 7160	3.85479 3.85485 3.85491	6	7188 7189	3.85661 3.85667 3.85678	6
7131 7132	3.85315 3.85321	6	7161 7162	3.85497 3.85503	6	7190 7191 7192	3.85679 8.85685	6
7133 7134	3.85327 3.85383	6 6	7168 7164	3.85509 3.85516	6	7193 7194	8.85691 3.85697	6
	3.85339 3.85345	6	7166	3.85522 3.85528	6	7195 7196	3.85703 3.85709	6
7138 71 39		6	7167 7168 7169	3.85546	6	7198 7199	3.85715 3.85721 3.85727	6
7140	8.85370	6	7170	3.85552	0	7200	3.95733	o .

N.	Log.	D.	N.	2. o' 30" Log.	D.	N.	Log.	D.
7200 7201	3.85733 3.85739	6		3.85914 3.85920	6		3.86094 3.86100	6
	3.85745	6		3.85926	6		3.86106	
4 . –	3.85751	6		3.85932	6		8.86112	6
	3.85757 3.85763	6		3.859 8 8 3.85944	6		3.86118 3.86124	6
	3.85769	6		3.85950	6		3,86130	6
	3.85775 3.85781	6		3.85956 3.85962	6		3.86136 3.86141	5
	3.85788	7		3.85968	6		3.86147	6
	3.85794 3.85890	6		3.85974 3.85980	6		3.86153 3.86159	6
7212	3.85806	6	7242	3.85986	6		3.86165	6
7218 7214	3.85812 3.85818	6		3.85992 3.85998	6	7273 7274	3.86171 3.86177	6
7215	3.85824	6 6	7245	8.86004	6	7275	3.86188	6
7216 7217	3.85830 3.85836	6		3.86010 3.86016	6		3.86189 3.86195	6
7218	3.85842	6		3.86022	6		3.86201	6
7219 7220	3.85848 3.85854	6		3.86028 3.86034	6		3.86207 3.86213	6
	8.85860	6	7251	3.86040	6		3.86219	6
	3.85866 3.85872	6		3.86046 3.86052	6		3.86225 3.86231	6
	8.85878	6		3.86058	6	7284	3.86237	6
	2.85884 3.85890	6		3.860 64 3.8 6 070	6	7285	3.86243 3.86249	6
	3.85896	6		3.86076	6		3.86255	6
7228	3.85902 3.85908	6		3.86082 3.86088	6		3.86261 3.86267	6
	3.85914	6		3.86094	6		3.86278	6

	2. 1' 30"			2. 2' 0"			2. 2' 30"	
N.	Log.	D.	N.	Log.	1).	N.	Log.	D.
	3.86273	6	7320	3.86451		7350	3.86629	6
7291	3.86279	6	7821	3.86457	6	7351		6
	3.86285	6	7322	3.86463	6	7852		5
7293	8.86291	6	7323	3.86469	6	7358	3.86646	6
7294	3.86297	6	7324	3.86475	6	7354	3.86652	6
7295	3.86303	5	7325	3.86481	6	7855	3.86658	6
7296	3.86308	6	7326	3.86487	6	7356		6
7297 7298	3.86314 3.86320	6	7327 7328	3.86493 3.86499	6	7357 7358		6
		6			5			6
7299 7300	3.86326 3.86332	6	7329 7330	3.86504 3.86510	6	7359 7360		6
H 1	8.86338	6		3.86516	6	7361	3.86694	6
I	3.86344	6		3.86522	6	7362		6
	3.86350	6		3.86528	6	7863		5
	3.86356	6	7334	3.86534	6	7364	3.86711	6
7305	3.86362	6	7335	3.86540	6	7865	8.86717	6
7306	3.86368	6	7836	3.86546	6	7866	3.86728	6
7307	3.86374	6	7837	8.86552	6	7367	3.86729	6
7308	3.86380	6	7338	3.86558	6	7368	3.86735	6
	3.86386	6	7339	3.86564	6	7369	3.86741	6
7310	3.86392	1	7340	8.86570	١. ١	7370	3.86747	6
7811	3.86398	6	7341	8.86576	6	7371	3.86753	6
7312	3.86404	6	7342	3.86581	5 6	7372	3.86759	5
7313	3.86410	5	7343	3.86587	6	7373	3.86764	6
7814	3.86415	6	7344	3.86593	6	7374	10.00	6
7315	3.86421	6	7345	8.86599	6	7875		6
7316	3.86427	6	7346	2.86605	6	7876		6
7317	3.86433	6	7347	8.86611	6	7377	3.86788	6
7318 7319	3.86439	6	7348	3.86617	6	7378		6
	3.86445 3.86451	6	7349 7350	3.86623 3.86629	6	7379	3.86800 3.86806	6
1020	4,0419[11330	J.00029		11300	0.00000	<u>. </u>

.,	2. 8′ 0″		1 37	2. 3 30		3.7	2. 4' 0"	1.
N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
	3.86806	6	7410	3.86982	6		3.87157	6
	3.86812	5	7411	3.86988	6		3.87163	6
	3.86817	6	7412		5		3.87169	6
7383	3.86823 3.86829	6	7413	3.86999 3.87005	6	7443 7444	3.87175 3.87181	6
	3.86835	6	7415	3.87011	6		3.87186	5
7386	3.86841	6	7416	3.87017	6	7446	3.87192	6
	3.86847	6	7417	3.87023	6	7447	3.87198	6
7388	3.86853	6	7418	3.87029	6	7448	3.87204	6
	3.86859	5	7419	3.87035	5		3.87210	6
	3.86864	6	7420	3.87040	6		3.87216	5
7391	3.86870	6	7421	3.87046	6		3.87221	6
7392 7393	3.86876 3.86882	6		3.87052 3.87058	6		3.87227 3.87233	6
7394	3.86888	6	7424	3.87064	6		3.87239	6
	3.86894	6	7425	3.87070	6		3.87245	6
	3.86900	6	1426	3.87075	5		3.87251	6
7397	3.86906		7427	3.87081	6	7457	3.87256	5
7398	3.86911	5	7428	3.87087	6		3.87262	6
7399	3.86917	6	7429	3.97093	6		3.87268	6
	3.86923	6	i	3.87099	6	-	3.87274	6
	3.86929 3.86935	6	7431	3.87105	6		3.87280 3.87286	6
	3.86941	6		3.87116	5		3.87291	5
7404	3.86947	6	7434	3.87122	6		3.87297	6
7405	3.86953	6		3.87128	6		3.87303	6
7406	3.86958	5	7436	3.87134	6	7466	3.87309	6
	3.86964	6		3.87140	6		3.87315	5
	3.86970	6		3.87146	5		3.87320	6
	3.86976	8		3.87151	8		3.87326	a
7410	3.86982	1 1	1440	3.87157	1 1	1410	3.87332	l

N.	2. 4' 30" Log.	D.	N.	2. 5' 0" Log.	D.	N.	2. 5' 30" Log.	1)
7470 7471 7472	3.87832 3.87338 3.87344	6 6	7500 7501 7502	3.87506 3.87512 3.87518	6	7531	3.87679 3.87685 3.87691	6
7478 7474	3.87349 3.87355 3.87361	5 6 6	7508 7504	3.87523 3.87529	5 6 6	7583 7534	3.87697 3.87703	6 6 5
7475 7476 7477	3.87367 3.87373	6 6	7505 7506 7507	3.87535 3.87541 3.87547	6 5	7535 7536 7537	3.87708 3.87714 3.87720	6 6
7478 7479 7480	3.87379 3.87384 3.87390	5 6 6	7508 7509 7510	3.87552 3.87558 3.87564	6 6	7538 7539 7540	3.87726 3.87731 3.87737	5 6
	3.87396 3.87402 3.87408	6	7511 7512 7513	3.87570 3.87576 3.87581	6 5		3.87743 3.87749 3.87754	6 5
7484 7485 7486	3.87413 3.87419 3.87425	5 6 6	7514 7515 7516	3.87587 3.87593 3.87599	6 6	7544 7545 7546	3.87760 3.87766 3.87712	6 6 6
7487 7488	3.87431 3.87437	6 6 5	7517 7518	3.87604 3.87610	5 6 6	7547 7548	3.87777 3.87783	5 6 6
7489 7490 7491	3.87442 3.87448 3.87454	6 6	7519 7520 7521	3.87616 3.87622 3.87628	6 6	7550 7551	3.87789 3.87795 3.87800	6 5 6
7492 7493 7494	3.87460 3.87466 3.87471	6 5	7522 7523 7524	3.87633 3.87639 3.87645	6	7553	3.87806 3.87812 3.87818	6
7495 7496 7497	3.97477 3.87488 3.87489	6 6	7525 7526 7527	3.87651 3.87656 3.87662	6 6		3.87823 3.87829 3.87835	5 6 6
	3.87495 3.87500 3.87506	6 6	7528 7529	3.87668 3.87674 3.87679	6 5	7558 7559	3.87841 3.87846 3.87952	6 5 6

N. 2. 6' 0" D. N. Log.	Log. D.	N.	2. 7' 0" Log.	D.
	3.88024 6	7620	3.88195	6
17561 3.87858 7 17591	3.88030		3.88201	6
7562 3,87864 5 7592	3.88036		3.88207	6
7563 3.87869 7593	3.88041 g		3.88213	5
1204 2.81819 1 1294	3.88047 6		3.88218	6
	3.88053		3.88224	6
	3.88058 6 3.88064 6		3.88230	5
	3.88070 6	1	3.88235 2.88241	6
B	3.88076		3.88247	6
7570 3.87910 6 1600	8 88081 D		3.88252	5
7571 3.87915 7691	3.88087	7631	3.88258	6
7572 3.87921 6 7602	3.88093	7632	3.88264	6
7573 3.87927 6 7603	2 22042 5		3.88270	6
7574 3.87933 6 7604	3.88104	7634	3.88275	5
7575 3.87938 5 7605	3.88110	7685	3.88281	6
	3.88116 5	7636	3.88287	6
7577 3.87950 5 7607	3.88121 6	7637	3.88292	5 6
7578 3.87955 7608	3.88127	7638	3.88298	6
27579 3.87961 ₂ 7609	3.88133	7639	3.88304	5
7580 3.87967 6 7610	3.88138		3.88309	6
	3.88144	7641	3.88315	6
1582 3.8 19 18 6 12012	3.88150 6 3.88156	7642		5
	5	7643	3.88326	6
7898 2 97808 6 7815	3.88161 6 3.88167	7644	3.88332	6
7586 3.8800 5 7616	3.88173 6	7645 7646	3.88338 3.88343	5
H	3.88178	7647	3.88349	6
7500 2 00012 6 7610	2 88 184 0		3.88355	6
7580 2 88018 3 7810	3 88190 6		3.88360	5
	3.88195		3.88366	6

N.	2, 7' 80" Log.	D.	N.	2. 8' 0" Log.	D.	N.	2. 8' 80" Log.	D.
7651	3.88366 3.88372	6 5	7681	3.88536 3.88542	6	7711	3.88705 3.88711	6
7653	3.88377 3.88383 3.88389	6 6	7683	3.88547 3.88553 3.88559	6	7712	3.88717 3.88722 3.88728	5
7655	3.88395	5	7685	3.88564 3.88570	5		3.88734 3.88739	6 5
7658	3.88406 3.88412	6 6 5		3.88581	6 5 6	7717	3.88745 3.88750	6 5 6
7660	3.88417 3.88423 3.88429	6 6	7690	3.88587 3.88593 3.88598	6 5		3.88756 3.88762 3.88767	6 5
7662 7663	3.88434 3.88440	5 6 6	7692 7693	3.88604 3.88610	6 6 5	7722 7723	3.88773 3.88779	6 6 5
7665	3.88446 3.88451 3.88457	5	7695	3.88615 3.88621 3.88627	6	7725	3.98784 3.88790 3.88795	6
	3.88463	5		3.88632	5 6	7727 7728		6 6
	3.88474 3.88480	6 6 5	7699 7700	3.88643 3.88649	5 6 6	7729 7730	3.88812 3.88818	5 6 6
7672	3.88485 3.88491 3.88497	6 6		3.88655 3.88660 3.88666	5 6		3.88824 3.88829 3.88835	5
7674 7675	3.88502 3.88508	5 6 5	7704 7705	3.88672 3.88677	6 5 6	7734 7735	3.88840 3.88846	5 6 6
7677	3.88513 3.88519 3.88525	6	7707	3.88683 3.88689 3.88694	6	7736 7737		5 6
	3.88530 3.88536	5 6	7709	3.88700 3.88705	5	7739		5 6

صحح		_						-
N.	2. 9' 0" Log.	D.	N.	2. 9' 30" Log.	ט.	N.	2. 10' 0" Log.	D.
7740	3.88874	6	7770	3.89042	6	1800		6
7741	3.88880	5	7771	3.89048	5	1801	3.89215	6
7742	3.88885	6	7772	3.89053	6	7802	3.89221	5
7743	3.88891	6	7773	3.89059	5	7803	3.89226	6
7744	3.88897	5	7774	3.89064 3.89070	6	7804 7805	3.89232 3.89237	5
1745	3.88902	6	1113		6		-	6
7746	3.88908	5	7776	3.89076 3.89081	5	7806	3.89243 3.89248	5
7747 7748	3.88913 3.88919	6	7777	3.89087	6		3.89254	6
		6	7779	3.89092	5	7809	3.89260	6
7749 7750	3.88925 3.88930	5	7780	3.89092	6	7810	3.89265	5
7751	3.88936	6	7781	3.89104	6	7811	3.89271	6
	3.88941	5	7782	3.89109	5	7812	3.89276	5
7753		6	7783	3.89115	6		3.89282	6
7754	3.88953	6	7784	3.89120	5	7814	3.89287	5 6
7755	3,88958	5	7785	3.89126	6	7815	3.89293	5
7756	3.88964	6 5	7786	3.89131	5	7816	3.89298	6
7757	3.88969	6	7787	3.89137	6	7817	3.89304	6
7758	3.88975	6	7788	3.89143		7818	3.89310	5
7759	3.88981	5	7789	3.89148	5 6	7819	3.89315	6
7760	3.88986	6	7790	3.89154	5	7820	3.89321	5
7781	3.88992	5	7791	3.89159	6	7821	3.89326	6
7762		6		3.89165	5	7822	3.89332	5
	3.89003	6	7793	3.89170	6	7823	3.89337	6
7764	3.89009	5		3.89176	6	7824	3.89343	5
7765	3.89014 3.890 2 0	6	7795	3.89182 3.89187	5	7825 7826	3.89348 3.89354	6
7766		5	1		6	7827		6
1767	3.89025	6	7797	3.89193 3.89198	5	7827 7828	3.89360 3.89365	5
7768 7769	3.89031 3.89037	6	7798	3.89198	6	7829	3.89371	6
1	3.89042	5	7800	3.89209	5	7830	3.89376	5
# · · · · o	2.00022		, , , , , ,					_

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N.	2. 10' 30" Log.	n.	N.	Log.	n.	N.	2. 11' 80" Log.	D.
7830 7831	3.89376 3.89382	6	7860 7861	3.89542 3.89548	6	7890 7891	3.89708 3.89713	5
7832 7833	3.89387	5 6	7862 7863	3.89553 3.89559	5 6	7892 7892	3.89719	6 5
7834	3.89398 3.89404	5 6	7864	3.89564 3.89570	5 6	7894 7895		6 5
7836	3.89409	5 6	7866	3.89575 3.89581	5 6	7896 7897	3.89741	6 5
7838	3.89421	6 5		3.89586	5 6	7898 7899		6 5
	3.89432	6 5		3.89597 3.89603	5 6		3.89763 3.89768	6 5
7842 7843	3.89443	6 5	7872 7873	3.89609	6 5	7902 7903	3.89774	6 5
7844 7845	3.89454	6 5	7874	3.89620 3.89625	6 5	7964	8.89785 3.89790	5
7846 7847		6 5	7876	3.89631 3.89636	6 5	7966 7907		6 5
7848 7849		5	7878	3.89642 3.89647	6 5	7908 7909	3.89807 3.89812	6 5
7850 7851	3.89487	6 5		3.89658 3.89658	6 5	7910		6 5
		6	7882	3.89664 3.89669	5	7912 7913	3.89829 3.89834	5
7854 7855	3.89509 3.89515	5 6	7884 7885	3.89675 3.89680	5	7914 7915	3.89840 3.89845	5
7856 7857	3.89520 3.89526	5	7886 7887	3.89686 3.89691	6 5	7916 7917	3.89851 3.89856	5
7858 7859	3.89531 3.895 3 7	5 6 5		3.89697 3.89702	6 5 6	7918 7919	3.89862 3.89867	6 5 6
7860	3.89542		7890	3.89708	١ -	7920	3.89873	_

N.	Log.	D.	N.	2. 12' 30" Leg.	D.	N.	2. 18 0" Log.	D.
7920	3.89873	_	7950	3.90037		7980	3.90200	
7921	3.89878	5	7951	8.90042	5		3.90206	5
$\frac{7922}{7923}$	3.89883 3.89889	6	7952 7958	3.90048	5	7982 7983	3.90211	6
		5	1	3.90059	6		3.90217	5
7925	3.89900	5	7955	3.90064	5	7985	8.90227	5
7926	8.89905	6		3.90069	6		3.90283	5
7927 7928	3.89911 3.89916	5		3.90075 3.90080	5		3.90238 3.90244	6
7929	3.89922	6	7959	3.90086	6		3.90249	5
	3.89927	6		3.90091	6		8.90255	5
7981	3.89988	5	7961	3.90097 3.90102	5		3.90260	6
	3.89944	6		3.90108	6		3.90271	5
7934		5	7964	3.90113	5	7994	3.90276	5
7985	3.89955 3.89960	5	7965 7966	3.90119 3.90124	5		3.90282 3.90287	5
7987		6	7967	3.90129	5		3.90287	6
7938	3.89971	5	7968	3.90135	5	7998	3.90298	5
	3.89977 3.89982	5		3.90140 3.90146	6		8.90304	5
7941		6	7971	3.90151	5		3.90809	5
	3.89993	5	7972	3.90157	6		3.90320	6
7943		6	7978	3.90162	5	8003	8.90325	5
7944	3.90004 3.90009	5	7974 7975	3.90168 3.90173	5	8004 8005	1-11-1-1	5
	3.90015	6	7976	3.90179	6	8006		6
7947	8.90020	5 6	7977	3.90184	5		3.90347	5
	8.90026 8.90031	5	7978 7979	3.90189 3.90195	6		3.90352 3.90358	6
	8.90037	6		8.90200	5		3.90363	5

	0 12' 20"			2. 14' 0"	_		2 4 4 22"	
N.	2. 13' 30" Log.	D.	N.	Log.	D.	N.	2. 14' 30" Log.	ъ.
8010	3.90363		8040	3.90526	L	8070	3.90687	
80 L L	3.90369	6 5	8041	3.90531	5	8071	3.90693	6
8012	3.90374	- 1	8042	3.90536	6	8072	3.90698	5
8013	3.90380	6	8043	3.90542	5	8073	3.90703	5
8014	3.90385	5 5	8044	3.90547	6	8074		5
8015	3.90390	6	8045	3.90553	5	8075	3.90714	6
8016	3.90396	5	8046	3.90558	5	8076		5
8017	3.90401	6	8047	3.90563	6		3.90725	5
	3.90407	5	8048	3.90569	5		3.90730	6
8019	3.90412	5	8049	3.90574	6	8079	3.90736	5
8020	3.90417	6	8050	3.90580	5	8080	3.90741	6
8021	3.90423	5	8051	3.90585	5	8081	3.90747	5
	3.90428	6	8052	3.90590	6	8082		5
	3.90434 3.90439	5	8054	3.90596 3.90601	5	8084	3.90757 3.90763	6
		6			6			5
8025 8026	3.90445 3.90450	5	8055 8056	3.90607 3.90612	5	8085 8086	3.90768 3.90773	5
8027	3.90455	5	8057	3.90617	5	8087		6
	3.90461	6		3.90623	6	8088		5
	3.90466	5		3.90628	5		3.90789	5
8030		6		3.90634	6		3.90795	6
8031	3.90477	5	8061	3.90639	5	8091	3.90800	5
8032	3.90482	5	8062	3.90644	5	8092		6
8033	3.90488	6	8063	3.90650	6	8093	3.90811	5
8034	3.90493	5	8064	3.90655	5	8094	3.90816	5
8035	3.90499	6 5	8065	3.90660	5	8095	3.90822	5
8036	3.90504	5	8066	3.90666	5	8096	3.90827	١- ١
8037	3.90509	6	8067	3.90671	6	8097	3.90832	5
8938	3.90515	5		3.90677	5	8098	3.90838	6
	3.90520	6		3.90682	5		3.90843	6
8040	3.90526		8070	3.90687	ľ	8100	3.90849	1

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N.	2. 15' 0" Log.	D.	N.	Log.	D.	N.	2. 16' 0" Log.	33
8100 8101	3.90849 3.90854	5	8130 8131	3.91009 3.91014	5	8160 8161	3.91169 3.91174	5
8102		5 6	8132	3.91020 3.91025	6 5	8162 8163	3.91180 8.91185	6 5
8104 8105	3.90870	5	8134 8135	3.91030 3.91036	5 6	8164 8165	8.91190	5 6
8106	3.90881	6 5	8186	3.91041	5 5	8166 8167	8.91201	5 5
8107 8108	3.90891	5 6	8137	8.91052	6 5	8168	3.91212	6 5
8109 8110	3.90897 3.90902	5 5	81 39 81 4 0	3.91057 3.91062	5 6	8169		5 6
8111		6 5	8141	3.91068 3.91073	5	8171 8172	3.91228 3.91233	5 5
8113 8114	3.90918 3.90924	6	8143 8144	3.91078 3.91084	6	8178 8174	3.91238 3.91243	5
8115 8116		5	8145 8146	3.91094	5	8175 8176	3.91249 3.91254	5
8117 8118	3.90940 3.90945	5	8147 8148	3.91100 3.91105	5	8177	3.91265	6
8119 8120	3.90950 3.90 95 6	6	8149 8150	3.91110 3.91116	6	8179 8180		5
8121 8122	3.90961 3.90966	5	8151 8152	3.91121 3.91126	5	8181 8182	3.91281 3.91286	5
8123	3.90972 3.90977	5	8153 8154	3.91132 3.91137	5	8183 8184	3.91291 3.91297	6
8125 8126	3.90982	5	8155 8156	3.91142 3.91148	5 6	8185 8186	3.91302 3.91307	5
8127 8128	3.90993 3.90998	5 5	8157 8158	3.91158 3.91158	5	8187 8188	3.91312	5 6 5
8129	3.91004 3.91009	K	8159 8160	8.91164 8.91169	5	8189 8190	3.91323 3.91328	5

	بيد بسيانة	٠.			-			
N.	2. 16' 80" Log.	D.	N.	2. 17' 0" Log.	ο,	N.	2. 17' 30" Log.	n.
	3.91328	6		3.91487	5		8.91645	
8191 8192		5	8221 8222	3.91492 3.91498	6		3.91651 3.91656	5
8193	3.91344	5 6		3.91503	5	8253	3.91661	5
8194 8195		5		3.91508 3.91514	6		3.91666 3.91672	6
8196	3.91860	5 5		3.91519	5	8256	3.91677	5
8197 8198	3.91365 3.91371	6		3.91524 3.91529	5		3.91682 3.91687	5
8199	3.91376	5	8229	3.91535	6 5	8259	3.91693	6 5
8200 8201	3.91381 3.91387	6		3.91540 3.91545	5		3.91698 3.91703	5
8202		5 - 5		8.91551	6		3.91709	6 5
	3.91397 3.91408	6		3.91556 3.91561	5		3.91714 3.91719	5
	3.91408	5 5		8.91566	5 6		3.91724	6
8206 8207	3.91418 3.91418	5		3.91572 3.91577	5		3.91730 3.91735	5
	3.91424	6 5		3.91582	5		8.91740	5
	3.9 429 3.9 434	5 6		3.91587 3.91593	6		3.91745 3.91751	6
	8.91440	5		3.91598 3.91603	5		3.91756	5
	3.91445 3.91450	5 5		3.91609	6		3.91761 3.91766	5
8214	8.91455	6	8244 8245	3.91614	5	8214 8275	8.91772	5
8215 8216	3.91461 3.91466	5		3.91619	5		3.91777 3.91782	5
	3.91471	6	1	3.91630 3.91685	5		3.91787 3.91793	5 6
8219	3.91477 3.91482	5	8249	3.91640	5	8279	8.91798	5 5
8220	3.91487	"	8250	8.91645	١٠١	8280	8.91803	۳

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N.	2. 18 0" Log.	D.	N.	2. 18' 30" Log.	ъ.	N.	2. 19' 0" Log.	D.
h	3.91803	5		3.91960	5		3.92117	5
8281 8282	3.91808 3.91814	6		3.91965 3.91971	6	8341 8342		5
	3.91819	5		3.91976	5 5		3.92132	5 5
	3.91824 3.91829	5		3.91981 3.91986	5 5		3.92137 3.92143	6
	3.91834 3.91840	5 6		3.91991 3.91997	6		8.92148 3.92153	5
	3.91845	5	8318	3.92002	5 5	8348	3.92158	5
	3.91850 3.91855	5		3.92007 3.92012	5		3.92163 3.92169	6
8291		5		3.92018	5	8351		5 5
8293	3.91866 3.91871	5	8323	3.92023 3.92028	5	8353	3.92179 3.92184	5 5
	3.91876 2.91882	6		3.92033 3.92038	5		3.92189	6
8296	3.91887	5	8326	3.92044	5	8356	3.92200	5
1	3.91892 3.91897	5		3.92049 3.92054	5		3.92205 3.92210	5
	3.91903 3.91908	5		3.92059 3.92065	5 6		3.92215 3.92221	5 6
8301	3.91918	5 5	8331	3.92070	5 5	8361	3.92226	5
	3.91918 3.91924	6		3.92075 3.92080	5		3.9223 t 3.92236	5
	3.91929	5 5		3.92085	5 6		3.92241	5 6
	3.91934 3.91939	5 5		3.92091 3.92096	5 5		3.92247 3.92252	5
	3.91944 3.91950	6		3.92101 3.92106	5		3.92257 3.92262	5
8309	3.91955	5	8839	3.92111	5 6	8369	3.92267	5 6
8310	3.91960	1	18240	3.92117	1	18370	3.92278	

N. 2.19' 30" Log.	D.	N.	2. 20' 0" Log.	D.	N.	2. 20' 80" Log.	D.
8370 3.92273 8371 3.92278	5		3.92428 3.92433	5	8430 8431	3.92583 3.92588	5
8372 3.92283 8373 3.92288	5 5		3.92438 3.92443	5	8432	3.92593 3.92598	5
8374 3.92293 8375 3.92298	5 5	8404	3.92449 3.92454	5	8434	3.92603 3.92609	5 6
8376 3.92304 8377 3.92309	6 5		3.92459 3.92464	5		3.92614 3.92619	5 5
8378 3.92314 8379 3.92319	5 5	8408	3.92469	5	8438	3.92624 3.92629	5 5
8380 8.92324 8381 3.92330	5 6	8410	3.92480 3.92485	6 5	8440	3.92634 3.92639	5 5
8382 3.92335 8383 3.92340	5 5	8412	3.92490 3.92495	5 5	8442	3.92645 3.92650	6 5
8384 3.92345 8385 3.92350	5 5	8414	3.92500	5 5	8444	3.92655	5 5
8386 3.92355 8387 3.92361	5 6	8415 8416 8417	3.92505 3.92511 3.92516	6 5		3.92660 3.92665 3.92670	5 5
8388 3.92366 8389 3.92371	5 5	8418	3.92521 3.92526	5 5	8448	3.92675 3.92681	5 6
8390 3.92376 8391 3.92381	5 5		3.92581	5 5	8450	3.92686	5 5
8392 3.92387 8393 3.92392	6 5	8422	3.92536 3.92542 3.92547	6 5		3.92691 3.92696 3.92701	5
8394 3.92397 8395 3.92402	5 5	8424	3.92552 3.92557	5 5	8454	3.92706 3.92711	5 5
8396 3.92407	5 5	8426	3.92562	5 5	8456	3.92716	5 6
8397 3.924 12 8398 3.924 18 8399 3.92423	6 5	8428	3.92567 3.92572 3.92578	5 6	8458	3.92722 3.92727 3.92732	5
8400 3.92428	5		3.92583	5		3.92737	5

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N.	2. 21' 0" Log.	D.	N.	2. 21' 30" Log.	D.	N.	2. 22' 0" Log.	D.
8460	3.92787		8490			8520	3.98044	
8461	3.92742	5	8491	8.92896	5	8521	8.93049	5
8462	8.92747	5	8492	3.929 01	5	8522	8.98054	5 5
8463			8498		5	4	2.93059	5
8464 8465		5		3.92911 3.92916	5		3.93064 3.93069	5
8466	8.92768	5	8496	3.92921	5	8526	8.93075	6
8467	3.92773	5	8497		5	8527		5
8468	8.92778	5	8498	3.92932	5	8528	2.93085	5
8469	3.92783	K		8.92987	5	8529	3.93090	5
8470 8471	3.92788	5	8500 8501	3.92942 3.92947	5	8530 8531	3.93095 3.93100	5
8472	3.92799	6	8502		5	1000	8.98105	5
8473	8.92804	5	8508		5	8588	8.93110	5
8474	3.92809	5	8504	8.92962	5	8584	8.93115	5
8475	3.92814	5		8.92967	6	8585	3.98120	5
8476 8477	3.92819 3.92824	5		3.92978 3.92978	5	8536 8587	3.98125 3.98121	6
8478	3.92829	5	8508		5	8538	2.93136	5
8479	8.92834	5	8509		5	8539	3.98141	5
8480	3.92840	5	8510		5		8.98146	5
8481	3.92845		8511	8.92998 3.93008	5	8541 8542	3.93151 3.93156	5
	3.92850 3.92855	5	8512 8513		5	8542	8.92161	5
8484	3.92860	5	8514	3,93013	5	8544	3.93166	5
8485	8.92865	5	8515	8.93018	5	8545	8.98171	5
8486		5	8516	3.98024	5	8546	3.98176	5
8487		6	8517	8.98029 8.98084	5	8547 8548	3.93181 3.93186	5
	3.92881 3.92886	5	8518 8519	3.93039	5	8549	8.98192	6
	3.92891	5		3.93044	9	8550	3.98197	9

N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
8550	3.93197	5	8580	3,93349		8610	3.93500	0
8551	3.93202	5	8581	3.93354	5	8611	3.93510	
8552	3.93207	5	8582	3.9335	- 5	8612		5
8553	3.93212	5	8583			8613	3.93515	
8554	3.93217	5	8584	3.9336	9 5	8614	3.93520	
855	3.93222	5	8585	3.9337	4 5	8615		-15
8550	3,9322	1	8586	3.9337	9 5		3.9353	
855		9 3	8587	3,9338	4 5	8617		0 5
855		7 3	8588	3.9338	9 5	8618	_	-15
855	-	5	8589	3.9339	4 5	8619		
856		7 0	8590	3.9339	9 5	8620		1 5
856		2 5	859	3.9340	4 5	8621	3.9355	6 5
856	-	6	8595	3.9340	0	8622	3.9356	1 5
856		3 5	859		1.3	8623		6 5
856			859		20	8624	1 3.9357	1 5
-	-	- 5	859	-	25 5	862	3.9357	6 5
856		0 0	859		20 3	862		1 5
856 856			859		35 5	862	7 3.9358	56 5
-		-15	859	-	- 5	862	8 3.935	11
856			859		AKO	862		96 5
850			860			863	0 3.936	
85		- 5	-		-15	863	1 3,936	06 5
85			860		60 0	863	-	11 5
85			860	-		863		16 3
85	_	- 5	860	_	-15			21 5
85			860			863		96 3
85		23 5	860			868		31 3
85	_	28 6	860		- 5	863	_	26 5
85	77 3.933	34	86			86		41 3
	78 3.933	39	80			86		AR
	79 3.933	44	. 80				10 3.936	
85	80 3.933	49	186	10 3.93	1000	1100	20/01000	-

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N.	Log.	р.	N.	2. 24' 80" Log.	D	N.	2. 25' 0" Log.	D.
	3.93651	5		3.93802	5		3.93952	5
8641 8642	2.93661	5	8671 8672	3.93807 3.93812	5	8701 8702		5
	3.93666	5 5	8673 8674	3.93817 2.93822	5 5	8708 8704	3.93967 3.93972	5 5
8645	3.93676	5	8675	3.93827	5 5	8705	3.93977	5
8 646 8 64 7	2 02607	5	8676 8677	3.93832 3.93837	5 5	870 6 8707	3.93987	5 5
	3.98692	5		3.93842 3.93847	5	8708 8709	3.93992 3.92997	5
8650	2 42702	5	8680	3.93852 3.93857	5 5	8710	8.94002 8.94007	5 5
8652	8.93712	5	8682	3.92862	5	8712	3.94012	5
8 65 8 8 6 54	3.93722	5		3.92867 3.93872	5	8713 8714	8.94017 3.94022	5 5
	3.93727	5		3.93877 3.93882	5	8715 871 6	3.94027 3.94032	5
	12.937371	5		3.93887 2.93892	5	8717 8718		5
8659	2 02747	5	8689	8.93897 2.93902	5 5	8719	3.94047 3.94052	5 5
8661	3.93757	5 5	8691	3.93907	5 5	8721	8.94057	5
	2.92767	5		3.98912 3.98917	5		3.94062 3.94067	5
8664 8665	3.93772	5	8694 8695	3.93922 3.93927	5	8724 8725	3.94072 3.94077	5
	12.937821	5 5	8696 8697	8.93982 2.93927	5 5	8726 8727	3.94082 3.94086	5 4
8668	3.98792	5 5	8698	3.93942 3.93947	5 5	8728	3.94091 3.94096	5 5
	3.93797 3.93802	5		3.98952	5		3.94101	5

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N.	Log.	D.	N.	Log.	D.	N.	Log.	D.
	3.94101	5		3.94250	5	8790 8791	3.94399 3.94404	5
8731 8732	3.94106	5	8761 8762	3.94255 3.94260	5	8792	3.94409	5
8733 8734	000	5	8763 8764	3.94265	5	8793 8794		5
8735	3.94126	5	8765	3.94275	5	8795	3.94424	5
8736 8737		5	8766 8767	3.94280	5	8796 8797	3.94433	4 5
8738		5	8768	3.94290	5	8798		5
8740	3.94151	5	8770 8771		5 5	8800 8801		5
8742	3.94161	5	8772	3.94310	5	8802	3.94458	
8743 8744		5	8774 8774	3.9432	0 5	8804	3.94468	5
874	10.00	5	8776		0 5	8805	3.94478	5
874	3.94186	-15	8773		- 5	8807		5
874	9 3.94196	5	8779	3.9434	5 5	8809	3.9449	3 5
875	_	-15	878	3.9435	4 5	881	3.9450	3 4
875 875		5	878		4 5	881		
875	4 3.9422	5 5	878		4 3	881	4 3.9451 5 3.9452	5
875 875	6 3.9423	1 5	878	6 3.9437	9 5	881	6 3.9452	7 5
875 875	7 3.9423 8 3.9424	6 4		8 3.9438	9 5	881 881	8 3.9453	7 5
	9 3.9424	5 5		9 3.9439 0 3.9439	14 5	881	9 3.9454 0 3.9454	

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N.	2. 27' 0" Log.	D.	N.	2. 27' 30" Log.	D.	N.	2. 28' 0" Log.	D.
1820	3.94547		8850	3.94694		8880	3.94841	
	8.94552	5		3.94699	5	8881		5
8822	3.94557	5		8.94704	5	8882	3.94851	5
8828	3.94562	5	8853	3.94709	5	8883	3.94856	5
8824	3.94567	3	8854	3.94714	5	8884	3.94861	5
8825	2.94571	5	8855	8.94719	.	8885	3.94866	5
8826	3.94576	5	8856	3.94724	5 5	8886	3.94871	5
	3.9458 t	5	8857		5		3.94876	4
8828	3.94586	5	8858	3.94784	4		3.948 80	i
	8.94591	5		3.94738	5		3.94 885	5
	3.94596	5		8.94743	5		2.94890	5
8831		5			5		3.94895	5
	3.94606	5		8.94753	5		3.94900	5
	3.94611	5		3.94758	5		3.94905	5
	3.94616	5		3.94763	5		3.94910	5
	8.94621	5		3.94768	5		8.94915	4
	3.94626 3.94630	4		3.94773	5		3.94919 3.94924	5
		5		3.94778	5			5
	3.94635 3.94640	5		3.94783 3.94787	4		3.94929	5
	3.94645	5		3.94792	5		3.94934 3.94939	5
	3.94650	5		3.94797	5		2.94944	5
	3.94655	5		3.94802	5		8.94949	5
	2.94660	5		3.94807	5		3.94954	5
	8.94665	5		3.94812	5		3,94959	5
	2 84670	5		3.94817	5		3.94963	4
	3.94675	5		3.94822	5		3.94968	5
8847	3.94680	5	8877	3.94827	5		3.94973	5
	3.94685	5		3.94832	5		2.94978	5
	2 04680	5	8879	3.94836	5	8909	3.94988	5 5
8850	3.94694	ا "	8880	3.94841	٠	8910	3.94 988	•

N. 2.28' 30" D. N. 2.29' 0' Log. D. N. 2.29' 30" D. Log. D. N. 2.29' 30" D. Log. D. D. Log. D. L	_		-						
8911 3.94993 5 8941 3.95129 8971 3.95284 5 8912 3.95095 6 8942 3.95148 5 8972 3.95284 5 8913 3.95007 5 8944 3.95188 5 8974 3.95294 5 8916 3.95017 5 8948 3.95188 5 8974 3.95208 5 8918 3.95027 5 8948 3.95177 5 8976 3.95308 5 8977 3.95308 5 8977 3.95308 5 8977 3.95208 5 8977 3.95208 5 8977 3.95208 5 8977 3.95208 5 8977 3.95308 5 8977 3.95308 5 8977 3.95308 5 8978 3.95218 5 8978 3.95308 5 8979 3.95322 5 8979 3.95322 5 8979 3.95322 5 8984 3.95127 5 <th>N.</th> <th></th> <th>D.</th> <th>N.</th> <th></th> <th>D.</th> <th>N.</th> <th></th> <th></th>	N.		D.	N.		D.	N.		
8911 3.94993 8912 3.95002 4 8942 2.95142 5 8972 3.95294 5 8973 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95294 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8974 3.95303 5 8977 3.95313 5 8973 3.95323 5 8983 3.95323 5 8983 3.95322 5	8910					5			5
8913 2.95002 5 8943 3.95148 5 8973 3.95294 5 8914 3.95017 5 8944 2.95183 5 8974 3.95294 5 8916 3.95017 5 8946 3.95168 5 8976 3.95303 5 8918 3.95027 5 8947 3.95168 5 8977 3.95303 5 8920 3.95036 4 8948 8.95173 3.95303 5 8922 3.95041 5 8947 3.95168 5 8976 3.95308 5 8922 3.95041 5 8948 3.95187 5 8978 3.95228 5 8980 3.95228 5 8980 3.95228 5 8980 3.95228 5 8980 3.95228 5 8981 3.95322 4 8981 3.95322 5 8982 3.95217 5 8983 3.95247 5 8983 3.95247			- 1			4			
8914 3.95001 5 8944 3.95153 5 8974 3.95299 4 8915 3.95012 5 8945 3.95168 5 8977 3.95303 5 8918 3.95027 5 8948 3.95168 5 8977 3.95303 5 8919 3.950324 8948 3.95173 4 8973 3.95318 5 8920 3.95041 5 8948 3.95187 5 8978 3.95328 5 8922 3.95041 5 8952 3.95187 5 8983 3.95322 5 8984 3.95187 5 8983 3.95322 5 8984 3.95187 5 8984 3.95187 5 8984 3.95187 5 8982 3.95322 5 8984 3.95187 5 8982 3.95323 5 8982 3.95207 5 8984 3.95210 5 8984 3.95241 5 8984 3.95241 <td></td> <td></td> <td>4</td> <td></td> <td></td> <td>5</td> <td></td> <td></td> <td>5</td>			4			5			5
Section 1						1- 1			5
8916 3.95017 3.95021 58946 3.95168 58977 3.95338 58918 3.95021 58948 3.95177 58920 3.95032 48949 3.95177 58928 3.95177 58920 3.95041 58948 3.95177 58928 3.95182 58980 3.95182 58980 3.95182 58980 3.95182 58980 3.95222 58980 3.95222 58980 3.95222 58980 3.95222 58980 3.95222 58981 3.95182 58981 3.95182 58981 3.95182 58981 3.95182 58981 3.95182 58981 3.95182 58981 3.95182 58981 3.95182 58982 3.95228 58982 3.95228 58982 3.95242 58982 3.95242 58982 3.95242 58983 3.95342 58982 3.95342 58982 3.95342 58982 3.95342 58982 3.95342 58982 3.95342 58982 3.95342 58982 3.95342 58982 3.95342 58982 3.95342<	8915	3.95012		8945	3.95158	1 · I	8975	8.95303	T.
8917 3.95022 5 8947 3.95025 6 8948 3.95173 6 8977 3.95232 5 8978 3.95318 5 8988 3.95323 5 8988 3.95327 5 8988 3.95327 5 8988 3.95327 5 8988 3.95327 5 8988 3.95321 5 8988 3.95321 5 8988 3.95321 5 8988 3.95321 5 8988 3.95321 5 8988 3.95321 5 8989 3.95321 5 8989 3.95321 5 8989 3.95321 5 8989 3.95321 5 8999 3.95371 5 8999 3.95371 5 8999 3.95371 5 8999 3.95371 5 8999 3.95371 5 8999 3.95371 5 8999 3.						R I			- 1
Section Sect						K			
8920 3.95086 5 8950 3.95182 5 8980 3.95328 4 8921 3.95041 5 8951 3.95187 5 8981 3.95321 5 8981 3.95321 5 8982 3.95321 5 8983 3.95321 5 8982 3.95051 5 8952 3.95061 5 8953 3.95071 5 8956 3.95216 5 8986 3.95247 5 8986 3.95247 5 8986 3.95216 5 8986 3.95216 5 8986 3.95216 5 8986 3.95216 5 8986 3.95216 5 8986 3.95216 5 8986 3.95226 5 8988 3.95357 4 8986 3.95221 5 8988 3.95357 4 8986 3.95221 5 8988 3.95357 5 8989 3.95221 5 8989 3.9536 5 8999 3.9536 5 8999 3.95			5			4			5
8921 3.95041 5 8951 3.95187 5 8981 3.95322 5 8922 3.95046 5 8952 3.95197 5 8982 3.95387 5 8982 3.95327 5 8982 3.95327 5 8983 3.95197 5 8983 3.95197 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.95447 5 8984 3.953547 5 8984 3.95366 5 8985 3.95216 5 8985 3.952216 5 8989 3.95366 5 8989 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999			4	1		I- I			5
8922 3.95046 8952 3.95197 58982 3.95337 58982 3.95197 58982 3.95197 58982 3.95197 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95207 58982 3.95216 58982 3.95216 58982 3.95221 58982 3.95261 58982 3.95221 58982 3.95261 58982 3.95261 58982 3.95221 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58982 3.95261 58993 3.95381 58993 3.95381 58993 3.95381 58993 3.95260 58993 <td></td> <td></td> <td>- 1</td> <td></td> <td></td> <td>1 1</td> <td></td> <td></td> <td>4</td>			- 1			1 1			4
8924 3.95051 5 8954 3.95202 5 8954 3.95207 5 8985 3.95207 5 8985 3.95207 5 8985 3.95207 5 8986 3.95347 5 8986 3.95357 4 8986 3.95207 5 8986 3.95357 4 8987 3.95211 5 8988 3.95366 5 8987 3.95216 5 8988 3.95366 5 8988 3.952216 5 8988 3.95366 5 8988 3.952216 5 8988 3.95366 5 8988 3.952216 5 8988 3.95366 5 8989 3.95366 5 8989 3.95366 5 8989 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95386 5 8999 3.95386 5 8999 3.95386 5 8999 3.95386	8922	3.95046	- 1	8952	3.95192	I. I			- 1
8925 3.95061 5 8955 3.95207 8986 3.95352 5 8986 3.95211 5 8986 3.95211 5 8986 3.95211 5 8986 3.95211 5 8987 3.95261 5 8929 3.95286 5 8959 3.95226 5 8959 3.95226 5 8959 3.95226 5 8959 3.95226 5 8923 3.95100 5 8923 3.95100 5 8923 3.95100 5 8923 3.95100 5 8924 3.95250 5 8926 3.95240 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95210 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95260 5 8926 3.95210 5 8926 3.9						ı- ı			
8926 3.95066 5 8956 3.95211 5 8986 3.95215 5 8987 3.95216 5 8987 3.95216 5 8987 3.95361 5 8987 3.95361 5 8988 3.95361 5 8988 3.95366 5 8988 3.95366 5 8988 3.95366 5 8988 3.95366 5 8988 3.95366 5 8989 3.95366 5 8989 3.95366 5 8998 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95366 5 8999 3.95386 5 8999 3.95386 5 8999 3.95386 5 8999 3.95386 4 8999 3.95386 4 89993 3.95386			5			5			5
8927 3.95071 4 8957 2.95216 5 8987 2.95361 4 8928 3.95075 5 8958 3.95221 5 8988 3.95366 5 8930 3.95085 5 8960 3.95231 5 8989 3.95371 5 8931 3.95090 5 8961 2.95240 5 8991 3.95381 5 8932 3.95100 5 8962 3.95240 5 8992 3.95380 4 8992 3.95380 5 8933 3.95109 5 8964 3.95205 5 8994 3.95280 5 8993 3.95380 5 8934 3.95109 5 8966 3.95255 5 8994 3.95390 5 8936 3.95114 5 8966 2.95260 5 8996 3.95405 5 8997 3.95405 5 8997 3.95405 5 8997 3.95405			- 1						5
8928 3.95075 8958 3.95221 5 8958 3.95221 5 8958 3.9526 5 8959 3.95221 5 8958 3.9526 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95231 5 8959 3.95221 5 8959 3.95221 5 8959 3.95221 5 8959 3.95231 5 8953 3.95230 5 8953 3.95230 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.95250 5 8953 3.952						1 1			4
8929 3.95080 5 8959 3.95226 5 8960 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8969 3.95226 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8999 3.95236 5 8996 3.95240 5 8999 3.95236 5 8996 3.95240 5 8996 3.95236 5 8996 3.95240 5 8996 3.95236 5 8996 3.95240 5 8996 3.95240 5 8996 3.95236 5 8996 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240 5 8997 3.95240	8928	3.95075	- 1	8958	8.95221	1- 1	8988	2.95366	-
8931 3.95090 5 8961 3.95226 4 8992 3.95381 5 8923 3.95100 5 8933 3.95100 5 8934 3.95105 5 8936 3.95245 5 8936 3.95114 5 8936 3.95114 5 8936 3.95250 5 8936 3.95114 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5 8938 3.95124 5			- 1						
8932 3.95095 5 8962 3.95240 5 8993 3.95386 4 8993 3.95100 5 8963 3.95245 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95295 5 8994 8.95405 5 8996 8.95260 5 8996 8.95260 5 8998 8.95405 5 8998 8.95260 5 8998 8.95405 5 8998 8.95260 5 8998 8.95405 5 8998 8.95260 5 8998 8.95405 5 8998 8.95260 5 8998 8.95405 5 8998 8.95260 5 8998 8.95405 5 8998 8.95260 5 8998 8.95405 5 8998 8			- 1			5			5
8933 3.95100 5 8963 3.95245 5 8994 8.95395 5 8935 3.95109 5 8965 2.95250 5 8966 2.95250 5 8996 3.95405 5 8998 3.95124 5 8968 2.95270 8998 3.95124 5 8968 2.95270 8998 3.95419 5 8969 3.95274 6 8999 3.95419 5				,,		4 .			5
8934 3.95105 4 8964 3.95250 5 8995 3.95295 5 8936 3.95114 5 8966 3.95260 5 8968 3.95260 5 8968 3.95260 5 8968 3.95260 5 8968 3.95270 6 8968 3			-			19 I			_
8935 3.95109 5 8965 8.95255 5 8996 8.95400 5 8936 8.95405 5 8966 8.95260 5 8996 8.95405 5 8986 8.95250 5 8997 8.95410 5 8988 8.95124 5 8988 8.95270 8 8968 8.95270 8 8969 8.95410 5 8969 8			5			1 - I	8994		-
8936 3.95114 5 8966 3.95260 5 8997 3.95405 5 8998 8.95124 5 8968 3.95270 6 8998 8.95410 5 8968 3.95270 6 8998 8.95419 5 8968 3.95274 6 8999 3.95419 5	8935	3.95109	Æ			K I			
8937 3.95119 5 8967 3.95265 5 8997 3.95410 5 8938 3.95124 5 8968 3.95270 4 8998 3.95415 4 8999 3.95419 5			_			I - I			_
8939 3.95129 8 8969 3.95274 8 8999 3.95419 5			- 1			I - I			5
				n		1- 1	11		4
925019:20192. "92:019:202:21 []200019:2017:1			5			5			5

N.	2. 30' 0" Log.	D.	N.	2. 30' 30" Log.	D.	N.	2.31 0" Log .	D.
9001	3.95424 3.95429	5 5	9081	8.95569 3.95574	5	9061	3.9571 3 3.95718	5
	8.95434 8.95439	5	9088	3.95578 3.95583	5	9068	8.95722 8.95727	5
9005	3.95444 3.95448	4	9035	3.95588 3.95593	5	9065	3.95732 3.95737	5
9007	3.95458 3.95458	5 5	9087	3.95598 3.95602	4 5	9067		4 5
9009	3.95463 3.95468 3.95472	5 4	9039	3.95607 3.95612 3.95617	5 5		8.95751 8.95756 8.95761	5 5
9011	3.95477	5 5	9041	3.95622 3.95626	5 4	9071	8.95766 8.95770	5 4
9018	3.95487 3.95492	5	9048	3.95631 3.95636	5	9078	8.95775 8.95780	5 5
9015	3.95497 3.95501	5 4 5		3.95641 3.95646	5 5 4	9075 9076	8.95785 3.95789	5 4 5
	3.95506 3.95511	5	9048	3.95650 3.95655	5		8.95794 3.95799	5 5
9020	3.95516 3.95521	5	9050	3.95660 3.95665	5	9080	8.95804 8.95809	5
9022	3.95525 3.95530 3.95535	5 5	9052	3.95670 3.95674 3.95679	4 5	9082	3.95813 3.95318 3.95823	5 5
9024	3.95540 3.95545	5 5	9054	3.95684 3.95689	5 5	9084	2.95828 2.95822	5 4
9026	8.95550 8.95554	5 4	9056	3.95694 3.95698	5	9086	3.95837 3.95842	5
9028 9029	3.95559 3.955 64	5 5 5	9058 9059	2.95703 3.95708	5 5	9088 9089	3 95847 3.95852	
9030	3.95569	_	9060	8.95718		9090	3.95856	-

N.	2.31' 30" Log.	D.	N.	2. 32' 0" Log.	D.	N.	2. 32' 30" Log.	D.
9091	3.95856 3.95861	5	9120 9121	3.95999 3.96004	5	9150 9151	3.96142 3.96147	5
	3.95866 3.95871 3.95875	5 4	9122 9123 9124	3.96009 3.96014 3.96019	5 5	9152 9153	3.96152 3.96156 2.96161	4
	3.95880 3.95885	5	9125 9126	3.96028 3.96028	5	9155 9156	3.96166 3.96171	5
9097 9098	3.95890 3.95895	5 5 4	9127 9128	3.96033 3.96038	5	9157 9158	3.96175 3.96180	5
	3.95899 3.95904 3.95909	5	9129 9130 9131	3.96042 3.96047 3.96052	5	9159 9160 9161	3.96185 3.96190 3.96194	5 4
9102 9108	3.95914 3.95918	5 4 5	9182 9188	3.96 057 3.96 061	5 4 5	9162 9168	3.96199 3.96204	5 5 5
9104 9105 9106	3.95928 3.95928 3.95988	5 5	9134 9135	3.96066 3.96071 2.96076	5 5	9164 9165 9166	3.96209 3.96218 3.96218	4 5
9107 9108	3.95938 3.95942	5 4 5	9187 9188	3.96080 3.96085	5	9167 9168	3.96228 3.96227	5
9109 9110	8.95947 8.95952	5	9189 9140	3.96090 3.96095	5 5 4	9169 9170	8.96282 8.96287	5 5
9111 9112 9118	3.95957 3.95961 2.95966	4 5	9141 9142 9143	3.96099 3.96104 3.96109	5 5	9171 9172 9178	3.96242 3.96246 3.96251	4 5
9114 9115	3.95971 3.95976	5 5 4	9144 9145	3.96114 3.96118	5 4 5	9174 9175	3.96256 3.96261	5 5
9110 9117 9118	8.95980 8.95985 8.95990	5	9147	3.96128 3.96128 3.96133	5 5	9176 9177 9178	8.96265 8.96270 8.96275	5 5
	3,95995 3,95999	5 4		8.96187	5	9179	3.96280 3.96284	5 4

		_	_	_	_			
N.	2. 38' 0" Log.	D.	N.	2.38 30" Log.	D.	N.	2. 34' 0" Log.	D.
	3.96284	5		3.96426	5		8.96567	5
	3.96289 3.96294	5		3.96431 3.96435	4	924 i 9242		5
	3.96298	5		3.96449 3.96445	5	9243 9244	3.96581	5
	3.96303 3.96308	5		3.96450	5		3.96586 3.96591	5
	3.96313 3.96317	4		8.96454 8.96459	5		3.96595 3.96600	5
	3.96322	5		3.96464	5		3.96605	5
	3.96327 3.96332	5		3.96468 3.96473	5	9249 9250	3.96609 3.96614	5
9191	3.96336	4 5	9221	3.96478	5	9251	2.96619	5
	3.96341 3.96346	5		3.96483 3.96487	4		3.96624 3.96628	4
9194	3.96350	5	9224	8.96492	5	9254	3.96633	5
	3.96355 3.96360	5	9225 9226	3.96497 3.96501	4	9255 925 6		4
	3,96365	5	9227	8.96506	5		3.96647	5
	3.96369 3. 963 74	5		3.96 511 3.96 515	4 5		3.96652 3.96656	4 5
	3.96379	5		3.96520	5		3.96661	5
9202	3.96384 3.96388	4 5		3.96525 3.96530	5	9261 9262	3.96670	4
	3.96393 3.96398	5		3.96534 3.96539	5		3.96675 3.96680	5
9205	8.96402	4 5	9285	8.96544	5	9265	3.96685	5
	3.96407 3.96412	5	9286	3.96548 3.96553	5	9266	3.96689 3.96694	5
9208	8.96417	5 4	9238	3.96558	5 4	9268	3.96699	5
	3.96421 3.96426	5		3.96562 3.96567	5		3.96703 3.96708	5

N.	2.34'80' Log.	D.	N.	2. 35' 0" Log.	D.	N.	2.35'80" Log.	D.
9271	3.96708 3.96713	5	9301	3.96848 3.96853	5	9881	3.96988 3.96993	5
9273	3.96717 3.96722 3.96727	5	9308	3.96858 3.96862 3.96867	4	9383	3.96997 3.97002 3.97007	5
9275	3.96731	4 5	9805	3.96872 3.96876	5 4	9335	3.97011 3.97016	5
9277 9278	3.96741 3.96745	5 4 5	9307 9308	3.96881 3.96886	5 5 4	9337 9338	3.9 7021 3.97 025	5 4 5
9280	3.96750 3.96755 3.96759	5	9810	3.96890 3.96895 3.96900	5	9840	8.97030 8.97035 2.97039	
9282	3.96764 3.96769	5 5 5	9312	3.96904 3.96909	4 5 5	9342	3.97044 3.97049	5
9285	3.96774 3.96778	4	9315	3.96914 3.96918	4	9345	3.97058 3.97058	5
9287	3.96783 3.96788 3.96792	5	9317	3.96923 3.96938 3.96932	5 4	9347	3.97063 3.97067 3.97072	4
9289	3.96797 3.96802	5	9819	3.96987 3.96942	5	9349	8.97077 3.97081	5 4 5
9292	3.96806 3.96811 3.96816	5		3.96946 3.96951 3.96956	5 5		3.97086 3.97090 3.97095	4
	3.96820 3.96825	4 5	9324	3.96960 3.96965	4 5 5	9354	3.97100 3.97104	5 4 5
9297	3.96830 3.96834	5 4 5	9327	8.96970 8.96974	4	9357	3.97109 3.97114	5 4
9299	3.96839 3.96844 3.96848	5 4	9329	3.96979 3.96984 3.96988	5	9859	3.97118 3.97128 3.97123	5

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N.	2. 36' 0" Log.	D.	N.	2.36'30" Log.	D.	N.	2. 37' 0" Log.	D
	3.97128 3.97132	4		3.97267 3.97271	4		3.97405 3.97410	5
	8.97137 3.97142	5 5	9392	8.97276 8.97280	5 4	9422	3.97414	4 5
9364	8.97146 8.97151	4 5	9894	3.97285 8.97290	5 5	9424	8.97424 3.97428	5 4
	3.97155 3.97160	5		8.97294 8.97299	5		3.97483 8.97487	4
	3.97165 3.97169	4		8.97304 8.97808	4		8.97442 8.97447	5
	3.97174 3.97179	5		3.9731 3 3.97317	5	9430	3.97451 3.97456	5
9378	3.97183 3.97188	5	9403	3.97822 8.97827	5	9488	3.97460 8.97465	5
9375	3.97192 3.97197	5	9405	3.97331 2.97336	5	9485	3.97470 3.97474	4
9377	3.97202 3.97206	4	9401	3.97340 3.97345	5	9437	8.97479 8.97488	4
9379	3.97211 3.97216 3.97220	5 4	9409	3.97350 3.97354 3.97359	4 5	9439	3.97488 3.97493	5 4
9881	3.97225 3.97230	5 5	9411	3.97364 3.97368	5 4	9441	3.97497 3.97502	5 4
	3.97284	4 5	9413	8.97378 3.97377	5 4	9443	3.97506 3.97511 3.97516	5 5
9885	3.97243 3.97248	4 5	9415	3.97882 3.97387	5 5	9445	3.97516 3.97520 3.97525	4 5
9387	8.97258 8.97257	5 4	9417	3.97391 3.97396	5	9447	8.97529 8.97524	4
9389	3.97262 3.97267	5 5		3.97400 3.97405	5	9449	3.97539 3.97543	5 4

N.	2. 37' 80" Log.	D.	N.	2. 38' 0" Log.	D.	N.	2. 38' 30" Log.	D.
9451	3.97543 3.97548	5	9481			9511		5
9453	3.97552 3.97557	5 5	9488	3.97690 3.97695 3.97699	5	9513	3.97827 3.97832 3.97836	5
9455	3.97562 3.97566 3.97571	4		3.97704 3.97708	4		3.97841	5 4
9458	8.97575 8.97580	5 5		3.97717	5 4 5	1	3.97850 3.97855	5 5 4
9460	3.97585 3.97589 3.97594	4 5	9490	3.97722 3.97727 3.97731	5 4 5	9520	3.97859 3.97864 3.97868	5 4 5
9463	3.97598 3.97603 3.97607	5	9493	3.97736 3.97740 3.97745		9528	3.97873 3.97877 3.97882	4
9465 9466	3.97612 3.97617	5 5 4	9495 9496	8.97749 8.97754	4 5 5	9525 9526	3.97886 3.97891	4 5 5
9468	3.97621 3.97626 3.97630	5	9498	3.97759 3.97763 3.97768	4	9528	2.97896 3.97900 3.97905	4
9470 9471	3.97635 3.97640	5 5 4	9500 9501	3.97772 3.97777	5	9530 9581	3.97909 3.97914	5
9473	8.97644 8.97649 8.97658	5 4	9508	3.97782 3.97786 3.97791		9533	3.97918 3.97923 3.97928	5
9476	8.97658 8.97663 3.97667	5 5 4		3.97795 3.97800 3.97804	4		8.97982 3.97937 3.97941	4 5 4
9478 9479	3.97672 3.97676 3.97676 3.97681	5 4 5	9508 9509	3.97809 3.97813 3.97818		9538 9539	3.97946 3.97950 3.97955	

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N.	2. 89' 0" Log.	D.	N.	2. 39' 30" Log.	D.	N.	2. 40' 0" Log.	D.
9540 9541	3.97955 3.97959	4	9570 9571	3.98091 3.98096	5		3.98227 3.98232	5
9542	3.97964	5	9572	3.98100	4 5	9602	3.98236	4
9548 9544	3.97973	5	9578 9574	3.98105 3.98109	4	9604	3.98241 3.98245	4
	3.97978	4	9575 9576	3.98114 3.98118	4	-	3.98250 3.98254	5 4
	3.97987 3.97991	5 4	9577 9578	3.98128 3.98127	5 4	9607	3.98259 3.98263	5 4
9549	3.97996	5 4	9579	3.98132	5 5	9609	3.98268	5 4
9551	3.98000 3.98005	5	9580 9581	3.98137 3.98141	4		3.98272 3.98277	5
9552	3.98009 3.98014	5	9582 9588	3.98146 3.98150	4		3.98281 3.98286	5
	3.98019	4	9584 9585	3.98155 3.98159	4		3.98290 3.98295	5
	3.98028 3.98082	5 4	9586	3.98164 3.98168	5 4	9616	3.98299 3.98304	4
9558	3.98037 3.98041	5	9588	3.98173	5	9618	3.98308	4
9560	3.98046	5	9590	3.98177 3.98182	5		3.98213 3.98318	5
9562	3.9 8050 3.9 8055	5	9592	3.98186 3.98191	5		3.98322 3.98327	5
	3.98059 3.98064	5		3.98195 3.98200	5		3.98331 3.98336	5
9565	3.98068 3.98078	4 5	9595	3.98204 3.98209	4 5	9625	3.98340 3.98345	4 5
9567	3.98078 2.98082	5 4	9597	3.98214	5 4	9627	3.983 .9	4 5
9569	3.98087 3.98091	5 4	9599	3.98218 3.98223 3.98227	5 4	9629	3.98354 3.98358	4
2310	10.30031	_	3400	9.70221		3020	3.98363	

		_	_		_	_		
N.	2.40' 80" Log.	D.	N.	2. 41' 0" Log.	D.	N.	2. 41' 30" Log.	υ.
	3.98262 3.98267	4		3.98498 3.98502	4		3.98632 3.98637	
9632	3.98372	5	9662	3.98507	5 4	9692	3.98641	5
	3.98376 3.98381	5		3.98511 3.9851 6	5		3.98646 3.98650	4
	3.98385	5		3.98520 3.98525	5		3.98655 2.98659	14
9637	3.98394	4	9667	3.98529	4 5	9697	3.98664	5
	3.98399 3.98408	4		3.98534 3.98538	4	9699	3.98668 3.98673	5
	3.98408 3.98412	4		3.98548 3.98547	4		3.98677 3.98682	15
	3.98417 3.98421	5 4		3.98552 3.98556	5 4		3.98686 3.98691	5
9644	3.98426	5	9674	3.98561	5		3.98695	4
	3.98430 3.98435	5		3.98565 3.98570	5	9705 970 6	3.98700 3.98704	4
-	3.98439 3.98444	5		3.98574 3.98579	5	9707 9708		4
9649	3.98448 3.98458	4 5	9679	3.98583 3.98588	4	9709	3.98717 3.98722	4
9651	3.98457	4		3.98592	4	9711	3.98726	14
	3.98462 3.98466	4		3.98597 3.98 6 01	4	9712 9713	3.98731 3.98735	4
	3.98471 3.98475	5 4		3.98605 3.98610	5	9714	3.98740 3.98744	4
9656	3.98480	5 4	9686	3.98614	4 5	9716	3,98749	4
	3.984 89	5	9688	3.98619 3.98623	4	9717 9718	3.98753 3.98758	4
	3.98493 3.98498			3.98628 3.98632	1	971 9 97 2 0	3.98762 3.98767	5

المستحديث المستحدث						
N. Log		$V.$ $\stackrel{2.42}{L}_{0}$	g. D.	N.	2. 48' 0" Log.	D.
9720 3.987 9721 3.987	71 4 9	750 3.9 9			3.99034 3.99038	4
9722 3.987 9723 3.987		752 3.99 753 3.99	K		3.99043 3.99047	5 4
9724 3.987 9725 3.987	84 2 9	754 3.9 755 3.9	8918	9784	3.99052 3.99056	5 4
9726 3.987 9727 3.987	93 4 9	756 3.9 9	8927	9786	3.99061 3.99065	5 4
9728 3.988 9729 8.988	02 5 9	758 3.9 759 3.9	8936	9788	3.99069 3.99074	5
9730 3.988 9731 3.988	11 2 9	760 3.9 761 3. 9	8945	9790	3.99018 3.99083	4 5
9732 8.988 9733 8.988	20 5 9	762 3.9 763 3.9	8954	9792	3.99087 3.99092	4 5
9734 3.988	29 2 9	764 3.9	8968 5	9794	3.99096 8.99100	4
9735 3.988 9736 3.988 9737 3.988	38 2 9	766 2.9 767 2.9	8972	9796	3.99105 3.99109	5 4
9788 2.988 9739 8.988	47 4 9	768 2.9 769 3.9	8981	9798	3.99114 3.99118	5 4
9740 3.988 9741 8.988	56 4 9	770 3.9	8989 5	9800	3.99128 3.99127	5 4
9742 3.988 9743 3.988	65 2 9	772 8.99	8998	9802	3.99131 3.99136	5
9744 8.988 9745 8.988	74 4 9	774 8.99	9007	9804	8.99140 3.99145	4 5
9746 8.988 9747 8.988	88 4 9	776 8.99	0016	9806	8.99149 8.99154	4 5
9747 8.988 9748 8.988 9749 3.988	92 9	778 3.9 9	0025	9808	3.99158 3.99162	4
9750 8.989	00 4 9	780 8.9	034 5		3.99167	5

N.	2. 43' 30" Log.	D.	N.	2. 44' 0" Log.	D.	N.	2,44'30" Log.	D.
9811	3.99167 3.99171	4	9841	3.99300 3.99304	4	9871	8,99432 8,99436	
9818	3.99176 3.99180 3.99185	4	9843	3.99308 3.99318 3.99317	5 4	9873	3.99441 3.99445 3.99449	4
$\frac{9815}{9816}$	3.99189 3.99193	4	9846	3.99822 3.99826	5 4	9875 9876	3.99454 3.99458	5 4
9818	3.99198 3.99202 3.99207	5	9848	3.99330 3.99335 3.99339	5 4	9878	3.99463 3.99467 3.99471	الما
9820 9821	3.99211 3.99216	5 4	9851	3.99344 3.99348 3.99352	4	9881	3.99476 3.99480	5 4 4
9828	8.99220 8.99224 8.99229	4 5	9853	3.99357 3.99361	5 4 5	9883	3.99484 3.99489 3.99498	
9826	3.99233 3.99238 3.99242	5	9856	3.99866 3.99370 3.99374	4	9886	8.99498 8.99502 3.99506	
9829	3.99247 3.99251 3.99255	4	9859	3.99379 3.99383 3.99288	5 4 5	9889	3.99511 3.99515 3.99520	5 4 5
9831	3.99260 3.99264	5 4	9861	3.9939 2 3.99396	4	9891	3.99524 3.99528	
9884	8.99269 8.99278 8.99277	4	9864	3.99401 3.99405 3.99410	4	9894	3.99533 3.99537 3.99542	4
9886 9887	3.99282 3.99286	5 4 5	9866 9867	3.99414 3.99419	4 5 4	9896 9897	8.99546 8.99550	4
9839	3.99291 3.99295 3.99300	4 5	9869	3.99428 3.99427 3.99432	4 5	9899	8.99555 8.99559 8.99564	4 5

N.	2. 45' 0" Log.	D.	N.	2.45 80" Log.	D.	N.	2. 46' 0" Log.	D.
	3.99564 3.99568	4		2.99695 2.99699	4		3.99836 3.99830	
	3.99572 3.99577	5	l	3.99704 3.99708	5 4		3.99835 3.99839	4
9904	3.99581 3.99585	4	9934	3.99712 3.99717	4 5	9964	3.99848 3.99848	5
9906	3.99590 3.99594	5 4	9936	3.99721 3.99726	4 5	9966	3.99852 2,99856	4
9908	3.99599 3.99603	5 4	9988	3.99730 3.99724	4	9968	3,99861 2,99865	5 4
9910	3.99607 3.99612	4 5	9940	3.99739 3.99743	5 4	9970	3.99870 3.99874	5 4
9912	3.99616 3.99621	4	9942	8.99747 8.99752	4	9972	3.99878	4 5
9914	3.99625 3.99629	4	9944	2.99756	4	9974	3.99887	4
9916	3.99634 3.99638	5 4	9946	3.99760 3.99765 3.99769	5 4	9976	3.99891 3.99896 3.99900	
9918	3.99642 3.99647	4	9948	3.99774 3.99778	5 4	9978	3 99904 3,99909	4
9920	3.99651	4 5	9950	3.99782 3.99787	5	9980	3,99913	4
9922	3.99660 3.99664	4	9952	8.99791 8.99795	4	9982	3.99922 3.99926	5
9924	3.99669 3.99673	5 4	9954	3.99800 3.99804	5	9984	3.99930	
9926	3.99677 3.99682	5	9956	3.99808			3.99939	5
9928	3.99686 3.99691		9958	3.99813 3.99817 3.99822	4	9988	3.99948 3.99952	-
	3.99695	4		8.99826	4		8.99951	

	2. 46' 90"		1	2. 46' 84'	1		2. 46' 37"	1
N.	Lox.	в.	N	Log.	D.	N	Log.	D
9990	3.99957	1.	9994	3 59914		7001	8.99987	1
9991	3.99961		9998	8.99978	5	9908	5.99991 6.90996	5
9992 9993	3.99965 3.99970		9990	8.99983 3.99987			4.00000	4

Bielfache bet Bull 2,302885 ... um uns bem Brigg. Lugarith.
ben natürlichen burch bie abgefürzte Multiplication gu finden.

N 7	Charaltetik.	Decimalen.								
TA' Characteria.		1 (И (血	17 (٧	Δī			
9	20,723266	2,0128211	0,2012331	207231	20121	207	21			
8	18,420681	1,842068	184201	18421	1842	184	18			
7	16,118096	1,611810	161161	16118	1612	161	16			
6	13,815511	1,381551	138155	13816	1382	138	14			
5	11,512925	1,151293	115129	11513	1151	115	12			
4	9,210340	0,921034	92106	9210	921	92	9			
3	6,907755	0,690176	69018	6908	691	69	7			
2	4,605170	0,460517	16052	4605	461	46	5			
1	2,302585	0,230259	23026	2308	230	23	2			

Bielfacht bon ber Bahl 0,424294. . . im aus bem natüriffen logarith, burd bie abgefärzte Multiplication ben Brigg, gu behalten.

N.	Charafterift.	Decimalen.								
14.	Characteria.	I	H	111	IV	V	VI			
9	3,908650	390865	69087	3909	391	39	1 4			
8	3,414356	347436	84144	3474	847	35	3			
7	8,040061	304006	30461	3040	304	30	3			
6	2,605767	260577	26058	2606	261	26	3			
5	2,171472	217147	21715	2171	217	22	2			
4	1,737178	173718	17372	1737	114	17	2			
3	1,302883	130288	13029	1303	130	13	1			
2	0,868589	86859	8686	869	87	9	1			
1	0,434294	43429	4343	434	43	4	0			

Einige Logarithmen welche oft gebraucht werden.

Log. von 1296000" (360°)
Log. von 86400" (24")4,9365137
Log. bes Bogens, welcher bem Rabius gleich
ift (57° 17′ 44″/8) 206264″/8
Log. beffelben Bog. in Minut. 3437',7466= 3,5362739
Eog. beff. B. in Graben (190) 57°,2957661,7581226
Log. bet Kreis: Peripherie (n)
3,141592653589793238460,4971499 Eog. des Durchmesters, wenn bie Beriph. =
1 ift ober v = 0,31830988618379 = 0,5028501 - 1
Log. ber Flache eines Kreifes, beffen Durch:
meffet = 1 ift $\binom{n}{4} = 0,7853 \binom{a}{2}$
Log, ber Oberfläche einer Rugel, beren Ra:
bius = 1 ift, ober von ber Bahl 12,56636
(4n) (6)
Durchmeffer = 1, ober von ber 3ahl
0,523598 (‡) (°)

a) Man abbirt hiezu ben boppelten Logarith. bes gegebenen Durchmefe fers, wenn man bie Fläche eines Areifed, und bie Logarith. ber beiben Aren, wenn man bie Fläche einer Ellipfe haben will.

b) Biergu wieb ber boppelte Log. bes gegebenen Rabius abbirt.

a) Man abbiet ben breifachen Log, bes Burchmeffere Hergn.

a
Log. bes Mobulus ber briggischen Logarith. M = 0.4342944819
0,4342944819
€09. 2,302585092994 = 10g. nat. 100,3022151
Log. des halbmeffers vom Erbaquator
3272077 Zoifen = 8
Log. der halben Are des Erolpharolos
3261439 Roifen == h & 6,5133694
Log. ber Bange bes Erbquabranten
5131179.81 & Ollen \ & 0,1102112
ober 10000855,76 Met. + 498,1123 > 7,0000372
20g. = 20g. 1,003354 0,0014542
Log. eines Grabes vom Mequator =
oder 10000855,76 Met. + 498,"25 80g. = 80g. 1,003354
Log. eines mittlern Meribiangrabes
57013,109 Toifen ± 2 ^T ,8403 4,7559748
Eog. bes trop. Jahrs 365 551 48' 54"2,5625809
Eog. des trop. Saire 365 5 48 54
Log. bes Siberaljahrs 365 T 6 St 9' 15"2,5625977
on Alberta and an abbinophe Recovith
Beständige und zu addirende Logarith., um die Toise und ihre Theile in Metres und
um ole Apile und ihre Apelle in Ateres and
beffen Theile zu verwandeln.
1 Zoife = 1, m949037
4 Ctif = 0.m3248394
14307 = 0.02706995
1 Linie = 0,000225583
Beständige und zu abdirende Logarith.
um bas Metre und feine Theile in Toifen
und beren Theile zu verwandeln.
0,513074 Toifen
3.078444 %18
1 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2
(443,2959 Linien 2,6466937
\

Logarithmen

der Sinus und Tangenten von Setunde zu Setunde für den 1. und 2. Grad

unb

pon 10 ju 10 Setunben für ben 3. bis 13. Grab.

	0′	1'	2′	3′	4′	5′	"
0	<u></u>	6.46373	6.76476	6.94085	7.06579	7.16270	60
1	4.68557	6.47090	6.76836	6.94325	7.06759	7.16414	59
2 3	4.98660 5.16270	6.47797	6.77193	6.94565 6.94803	7.06939	7.16558 7.16702	58 57
4	5.28763	6.49175	6.77900	6.95039	7.07296	7.16845	
5 6	5.38454 5.46373	6.49849 6.50512	6.78248 6.78595	6.95275 6.95509	7.07474	7.16987 7.17130	55 54
7	5.53067	6.51165	6.78938	6.95742	7.07827	7.17271	53
8	5 . 58866 5 . 63982	6.51808	6.79278	6.95978 6.96204	7.08003	7.17413 7.17553	
l	5.68557	6.53067	6.79952	6.96433	7.08351	7.17694	
i .							
11	5.72697 5.76476	6.53683	6.80286	6.96661 6.96888	7.08525	7.17834 7.17973	
13	5.79952	6.54890	6.80943	6.97113	7.08870	7.18112	47
14 15	5.83170 5.86167	6.55481	6.81268	6.97338 6.97561	7.09041 7.09211	7.18250 7.18389	
16	5.88969	6.56639	6.81911	6.97783	7.09381	7.18526	44
17	5.91602 5.94085	6.57207	6.82230 6.82545	6.98004	7.09551	7.18663 7.18800	43 42
i9	5.96433	6.58329	6.82850	6,98443	7.99887	7.18937	41
20	5.98660	6.58866	6.83170	6.98660	7.10055	7.19072	40
21	6.00779	6.59406	6.83479	6.98877	7.10222	7.19208	39
22 23	6.02800 6.04730	6.59939 6.60465	6.83786 6.84091	6.99098 6.99307	7.10388 7.10553	7.19343 7.19478	38 37
	6.06579	6.60985	6.84394	6.99520	7.10718	7.19612	36
25 26	6.08351 6.10055	6.61499 6.62007	6.84694 6.84993	6.99783 6.99944	7.10882 7.11046	7.19746 7.19879	35 34
27	6.11694	6.62509	6.85289	7.00155	7.11209	7.20012	33
28 29	6.13273 6.14797	6.63006 6.63496	6.85584 6.85876	7.00364	7.11871 7.11583	7.20145 7.20277	32 81
	6.16270	6.68982	6.86167	7.00779	7.11694	7.20409	1
"	59′	58'	57'	56'	55'	54'	"

	O'	ľ	2′	3′	4′	5′	"
"	-	6.46373	6.76476	6.94085	7.96579	7.16270	60
	4.68857	6.47090	6.16836	4.94325	7.06759	7.16414	59
	4.98660	6.47797	6.77193	6.94565	7.06939	7.16558	56
8 1	5.16270	6.48492	6.77548	6.94903	7.07118	7.16702	57
	5.39454	6.49175	6.77900	6.95039 6.95275	7.07296	7.16945 7.16989	56 55
	5.46873	6.50512	6.79595	6.95509	7.07651	7.17130	
7	5.53067	6.51165	6.78038	6.95742	7.07827	7.17271	58
8	5.59866	6.51806	6.79278	6.95973	7.08003	7.17413	
9	5.62082	6.52442	6.79616	6.96204	7.98177	7.17558	51
10	5.69557	0.53067	6.79052	0.96433	1,00358	7.17694	50
11	5.72697	4.50008	6.26285	6.96661	7.66525	7.17834	40
12	5.76476	6.54291	6.88615	6.96661 6.96886 6.97113	7.00698	7.17973	48
	5.79052	6.54890	6.80943			7.18(12	
14 15	5.82170	6.65481	6.81208	6.97836	7.00041	7.18250	
16	6.96167 5.96969	6.56620	6.81591 6.81911	6.97561 6.97783	7.09212	7.18389 7.18526	45 44
17	5.91602	6.57207	4.82220	6.99004	7.09551	7,18663	1
18	E. 94085	6.87707	6.80545	6.99224	7.00719	7.19800	42
19	5.98426	4.50320	0.89959	6.96443	7.00687	7.18037	41
200	5.9860)	6.59866	6.36170	6.98660	T. 10055	7.19973	40
21	6.00179	6.50406	6.20479	4.98877	7.10222	7.19200	30
22	M. 9288	4.59939	6.38479 6.38736	6.99098	7.10888	7.19843	
23	6.04730	4.00465	6,84091	6.8±307	7.10553	7,19478	1 1
24 25	6.06579	6.40005	4.84894	6.99531	7.10718	7.19612	
26	6.00851 6.10085	6.63499 6.62007	6.94694	6.99733	7.10882	7.19746	7.
27		6.62500		7.00155	7.11200	7.20012	1 " 1
28	6.11694 6.12273	6.00006	4.95239 6.95534	7.00664	7.11871	7.20145	
29	6.14797	4.40496	6,96876	7.00572	7.11533	7.20277	
30	6.16270	6.44982	6.88161	7.00779	7.11694	7.20HOU	30
~	59'	58'	57'	46'	55'	54'	"

7							
	0'	l'	2′	3′	4'	5'	"
30	6.1 627 0	6. 639 82	6.86167	7.00779	7.11694	7.20409	30
81	6.17694	6.64462	6.86455	7.00986	7.11854	7.20540	
32 33	6.19072	6.64936	6.86742	7.01191 7.01395	7.12014	7.20671 7.20802	28 27
33 34	6.21705	6.65870	6.87310	7.01599	7.12833	7.20932	1
25	6.22964	6.66330	6.87591	7.01801	7.12491	7.21062	25
36	6.24188	6.66785	6.87870	7.02003	7.12648	7.21191	24
37	6.25378	6.67235	6.88147	7.02208	7.12805	7.21320	23
38	6.26536	6.67680	6.88428	7.02408	7.12962	7.21449	22
39	6.27664	6.68121	6.88697	7.02602	7.13118	7.21577	21
40	6.28763	6.68557	6.88969	7.02800	7.18273	7.21705	20
41	6.29836	6.68990	6.89240	7.02997	7.13428	7.21833	19
42	6.30882	6.69418	6.89509	7.03193	7.13582	7.21960	18
43	6.81904	6.69841	6.89776	7.03388	7.13736	7.22087	17
	6.32903	6.70261	6.90042	7.03582	7.13889	7.22213	16
45	6.33879	6.70676	6.90306	7.03776	7.14042	7.22839	
46	6.34833	6.71088	6.90568	7.03968	7.14194	7.22465	14
47 48	6.35767 6.36682	6.71496	6.90829	7.04160	7.14346	7.22590 7.22715	13 12
	6.87577	6.72800	6.91346	7.04541	7.14647	7.22840	iĩ
50	6.88454	6.72697	6.91602	7.04730	7.14797	7.22964	10
51	6.39815	6.73090	6.91857	7.04919	7.14947	7.23088	
52 58	6.40158 6.40985	6.78479	6.92110 6.92362	7.05106	7.15096	7.23212 7.23335	8
54	6.41797	6.74248	6.92612	7.05479	7.15392	7.28458	6
55	6.42594	6.74627	6.92861	7.05664	7.15540	7.23580	5
56	6.43376	6.75003	6.98109	7.05849	7.15687	7.28702	4
57	6.44145	6.75376	6.93355	7.06082	7.15833	7.23824	3
58	6.44900	6.75746	6.93599	7.06215	7.15979	7.28946	2
59	6.45643	6.76112	6.93843	7.06897	7.16125	7.24067	1
60	6.46373	6.76476	6.94085	7.06579	7.16270	7.24188	0
"	59 ′	58'	57'	56′	55'	54'	"

"	0′	ľ	2'	3′	4'	5′	~
30	6.1 62 70	6.63982	6.86167	7.00779	7.11694	7.20409	30
31	6.17694	6.64462	6.86455	7.00986	7.11854	7.20540	29
	6.19072	6.64936	6.86742	7.01191	7.12014	7.20671	28
	6.20409	6.65406	6.87027	7.01895	7.12174	7.20802	27 26
	6.21705 6.22964	6.65870 6.66830	6.87810 6.87591	7.01599 7.01801	7.12333 7.12491	7.209 82 7.21062	25
	6.24188	6.66785	6.87870	7.02008	7.12648	7.21191	24
	6.25378	6.67225	6.88147	7.62203	7.12905	7.21321	23
	6.26536 6.27664	6.67680 6.68121	6.88423	7.02602	7.12962 7.13118	7.21449 7.21577	22 21
	0.2/004	0.08121	0.88091	1.02002	1.10110	1.21511	21
40	6.28763	6.68557	6.88969	7.02800	7.18273	7.21705	20
	6.29836	6.68990	6.89240	7.02997	7.13428	7.21883	19
2	6.30882 6.31904	6.69418	6.89509	7.03193	7.13582	7.21960	18 17
	6.32903	6.70261	6.99776	7.02288	7.13736	7.22087	16
	6.23879	6.70676	6.90306	7.03776	7.14042	7.22389	15
46	6.34833	6.71088	6.90568	7.03968	7.14194	7.22465	14
	6.35767	6.71496	6.90829	7.04160	7.14346	7.22590	
88	6.36682 6.37577	6.71900	6.91088 6.91246	7.04851	7.14497	7.22715 7.22840	12 11
_							1
50	6.28454	6.72697	6.91602	7.04730	7.14797	7.22964	10
	6.39315	6.73090	6.91857	7.04919	7.14947	7.23088	
52 53	6.40158 6.40985	6.73479 6.73865	6.92110	7.05106	7.15096 7.15244	7.23212 7.23335	8
1	6.41797	6.74248	6.92612	7.05479	7.15292	7.23458	6
55	6.42594	6.74627	6.92861	7.05664	7.15540	7.23580	5
	6. 48376	6.75008	6.93109	7.05849	7.15687	7.28703	8 TH
	6.44145 6.44 6 00	6.75376	6.98355	7.06032	7.15833	7.23824	3 2
59	6.45643	6.75746	6.93599 6.93843	7.06215	7.15979	7.28946 7.24067	2
60		6.76476	6.94085	7.06679	7.16270	7.24188	0
~	59'	58'	57'	56'	55'	54'	"

			6 40 88 1 1 1 1 1				
"	0'	7*	8′	9,	10′	1)'	~
•	7.20188	7.30082	7.50002	7.41797	7.40073	7.50512	60
,	7.20000	7.30966	7.20773	7.41877	7.46445	7.56578	59
	7.94428	7.21089	7.36962 7.36962	7.41967	7.46517 7.46509	7.50643	
1 - 1	1.24548	7.81191		7.42067		7.56709	
1	7.20668	7.81294	7.37043	7.42117	7.46061	7.50774	
	7.24906 7.24906	7.31396 7.31498	7.87182	7.42197	7.46895	7.50040 7.50005	
1	7.25024	7.21600	7.27310	7.42016	7.46876	7.50070	1
	7.26142	7.31700	7.37390	7.43425	7.46948	7.51035	
	7.25260	7.31909	7.37468	7.40615	7.47019	7.51100	
1			·			l -	
ю	7.26878	7.31904	7.87517	7.42594	7.47090	7.51165	50
	7.25495	7.32905	7.37666	7.42013	7.47162	7.51230	امها
	7.25612	7.32106	7.37754	7.42751	7.47223	7.51294	48
13	7.25728	7.22206	7.87843	7.42880	7.47308	7.51359	47
	7.25845	7.22206	7.87980	7.42908	7.47374	7.51428	
	7.25961	7.83406	7.39018	7.42987	7.47445	7.51468	
	7.26076	7.82506	7.38106	7.43065	7.47515	7.51552	T I
	7.26192	7.32606	7.38193	7.48149	7.47586	7.51616	200
	7.26307 7.26421	7.22705	7.38280 7.38367	7.43221	7.47656	7.51680	_
	!	1.02002					1 "
20	7.26836	7.82963	7.88454	7.48376	7.47797	7.51806	40
21	7.96650	7.89001	7.30541	7.43454	7.47867	7.51872	
22		7.38100	7.20028	7.43531	7.41936	7.51936	
	7.26877	7.83198	1.88714	7.43608	7.48906	7.51999	,
24	7.20091	7.33296	7.36900	7.43085	7.49076	7.52061	
25 26	7.27104 7.27216	7.33393 7.33491	1.38887	7.43763	7.48145	7.52126 7.52190	
	7.37329	7.38598	7.39058	1.43916	1.48284	7.52255	1 1
	7.27441	7.38685	7.30144	1.48992	7.48258	7.5321	
	7.27552	7.38782	7.39229	7.44069	7.48422	7.59879	
80	1.27661	7.93879	7.30314	7.44145	7.48491	7.52442	20
"	53 ′	52'	511	50'	49'	48'	~

ces 89ª

~	6'	7'	04	- 01	70'	13/	60
		1	8'	9′	10'	11'	
0	7.24188	7.20002	7.36682	1.41 79 T	7.46373	7.56512	80
1	7.34808	7.20006	7.36772	7.42877	7.46445	7.56578	59
2	7.24428 7.24548	7.31069 7.31192	7.36062	7.41958	7.46517	7.50643 7.50709	58
	7.24663	7.81294	7.86952	7.42038	7.46589		57
	3.24787	7.31294	7.37042	7.42117	7.40661	7.50174	56 55
	7.24906	7.31409	7.27221	7.42377	7.46005	7.50905	54
	7.25024	7.31600	7.37310	7.49356	7.46676	7.50970	53
	7.25M2	7.31702	7.87400	7.40436	7.46948	7.51035	52
9	7.25260	7.31903	7.37468	7.42515	7.47019	7.51100	51
10	7.25378	7.31904	7.87677	7.43094	7.47091	7.51165	58
11	7.95496	7.82008	7.27666	7.43678	7.47162	7.51230	49
12	7.25612	7.22106	7.87754	7.42751	7.47233	7.51295	46
13	7.25728	7.32308	7.37842	7.42830	7.47804	7.51359	47
14	7.25045	7.89307	7.37930	7.42900	7.47374	7.51424	46
路	7.25061 7.20076	7.32506	7.38018	7.42967	7.47445	7.51488	45
17	5.26193	7.22006	7.30106	7.49065	7.47516	7.51552	44
18	3.36307	7.22305	7.38193	7.48343	7.47586	7.51617 7.51681	43 42
19	7.20421	7.32804	7.38368	7.43390	7.47727	7.51745	41
20	9.20526	7.29003	7.39455	7.48376	1.47197	7.51809	40
21	2.26650	7,23001	7.36643	7.43454	7.47867	7.51872	39
22	7.20764	7.33100	7.38628	7.48081	7.47937	7.51986	38
23	7.20677	7.22198	7.38714	7.43606	7.48006	7.52000	31
	7.20001	7.22996	7.38901	7.43665	7.40076	7.52063	
25 26	7.27216	7.33394	7.88867 7.88973	7.49763	7.48146	7.52127	35
	1.22229	7.22583	7.20058	7.42016	7.46264	7.52190	
	7.25441	1.23695	7.30144	7.43993	7.48354	7.52253 7.52316	33
	1.27552	7.20193	1.39329	7.44060	7.48423	7.52380	
20	7.27664	7.89679	7.39915	7.44145	1.46492	7.52448	31
~	53°	52'	51'	50'	49'	48'	"

cotg 89e

"	O'	-1	01	0'	3.00	22/	"
	6′	7'	8′	9′	10'	11'	Ш
30	7.27664	7.33879	7.89314	7.04145	7.48491	7.52442	30
31	7.27775	7.83975	7.89400	7.44221	7.48560	7.52505	29
22		7.34071	7.39484	7.44297	7.48629	7.52568	28 27
	7.21997	7.34167	7.39569	7.44373	7.48696	7.52631	I - ' I
34 35	7.28107 7.28217	7.34263 7.34359	7.39654	7.44449	7.48766	7.52693 7.52756	26 25
36	7.28327	7.34454	7.39822	7.44600	7.48903	7.52818	
37	7.28437	7.84549	7.29906	7.44675	7.48971	7.52881	23
38	7.28546	7.34644	7.39990	7.44750	7.49089	7.52943	22
39	7.28655	7.34739	7.40074	7.44825	7.49108	7.53005	21
40	7.28768	7.34833	7.40158	7.44900	7.49175	7.53067	20
41	7.28872	7.34928	7,40241	7.44975	7.49243	7.53129	19
42	7.28980	7.35022	7.40324	7.45050	7.49311	7.58191	18
43	7.29088	7.85116	7.40408	7.45124	7.49379	7.53253	17
	7.29196	7.35209	7.40491	7.45199	7.49446	7.53315	
45	7.29308	7.35303	7.40573 7.40656	7.45273	7.49513	7.53376	15 14
47	7.29517	7.35489		7.45421	7.49648	7.53499	13
48	7.29623	7.25582	7.40739 7.40821	7.45495	7.49715	7.52561	12
49	7.29730	7.85675	7.40903	7.45569	7.49782	7.53622	ii
50	7.29636	7.35767	7.40985	7.45643	7.49849	7.53683	16
51	7,29942	7.85860	7.41067	7.45716	7.49916	7.58744	9
	7.30047	7.25952	7.41149	7.45790	7.49982	7.53805	8
58	7.30152	7.86044	7.41230	7.45863	7.50049	7.53866	7
54	7.30257	7.36135	7.41312	7.45936	7.50115	7.58927	6
55 56	7.30362 7.30467	7.36227	7.41893	7.46009 7.46082	7.50182 7.50248	7.5 898 8 7.54049	5
57	7.30571	7.26409	7.41555	7.46155	7.50314	7.54109	3
58	7.30675	7.86500	7.41636	7.46228	7.50380	7.54170	3
59	7.30779	7.36591	7.41716	7.46300	7.50446	7.54230	ī
60	7.30682	7.36682	7.41797	7.46873	7.50512	7.54291	0
~	53′	52'	51'	50'	49′	48'	"

cos 89º

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	6′	7'	8′	9′	10'	11'	
30	7.27664	7.33879	7.29315	7.44145	7.48492	7.52443	30
	7.27775	7.33975	7.39400	7.44221	7.48561	7.52505	29
33	7.27886 7.27997	7.34071 7.34167	7.39485 7.39569	7.44297	7.48629 7.48698	7.52568 7.52631	28 27
34	7.28107	7.34263	7.89654	7.44449	7.48767	7.52694	26
35 36	7.28217 7.28327	7.34359 7.34454	7.39738 7.39823	7.44524 7.44600	7.48885 7.48908	7.52756 7.52819	25 24
	7.28437	7.34549	7.39907	7.44675	7.48972	7.52881	23
	7.28546 7.28655	7.34644 7.34739	7.49991	7.44750 7.44825	7.490 1 0 7.49108	7.52943 7.53006	22 21
40	7.28764	7.34833	7.40158	7.44900	7.49176	7.53067	20
41		7.34928	7.40241	7.44975	7.49243	7.53129	19
2	7.28980 7.29088	7.85022 7.85116	7.40325 7.40408	7.45050 7.45124	7.49311 7.49379	7.53191 7.53253	18 17
44	7.29196	7.85209	7.40491	7.45199	7.49446	7.53315	16
45	7.29303	7.35303 7.35396	7.40574	7.45273	7.49514 7.49581	7.53377 7.53438	15 14
	7.29517	7.35489	7.40739	7.45121	7.49648	7.53500	13
	7.29624 7.29730	7.35582 7.35675	7.40621 7.40903	7.45495 7.45569	7.49715 7.49782	7.53561 7.53622	12 11
50	7.29836	7.85767	7.40985	7.45648	7.49849	7.53683	10
51		7.35860	7.41067	7.45716	7.49916	7.53745	9
52 52	7.30047 7.30153	7.35952 7.36044	7.41149 7.41230	7.45790 7.45863	7.49982 7.50049	7.53806 7.53867	8
	7.30258	7.36135	7.41812	7.45936	7.50115	7.53927	6
55 56	7.30362	7.36227 7.36318	7.41393 7.41474	7.46009 7.46082	7.50182 7.50248	7.53988 7.54049	5
57	7.30571	7.86409	7.41555	7.46155	7.50314	7.54110	
58 59	7.30675 7.30719	7.36500 7.36591	7.41636 7.41716	7.46228 7.46300	7.50380 7.50446	7.54170 7.54231	2
60	7.30682	1.36682	7.41797	7.46378	7.50512	7.54291	0
Ľ	53′	52'	51'	50'	49′	48'	"

cotg 89°

"	12'	13'	14'	15′	16'	17'	~
0	7.54291	7.57767	7.40985	7.63962	7.66784	7.69417	€0
1	7.54351	7.57822	7.61037	7.64030	7.66830	7.69460	59
2 3	7.54411 7.54471	7.57878 7.57934	7.61089 7.61140	7.64078 7.64126	7.66920	7.69502 7.69545	58 57
4	7.54531	7.57989	7.61192	7.64174	7.66965	T.69587	56
6	7.54691 7.54651	7.58044 7.58100	7.61243	7.64222 7.64270	7.67010 7.67055	7.69630 7.69672	55 54
7	7.54711	7.58155	7.61346	7.64318	7.67100	7.69714	53
8	7.54771 7.54830	7.58210 7.58265	7.61397 7.61448	7.64366 7.64414	7.67145	7.69757 7.69799	52 51
		7.58820	7.61499		7.67235		50
10				7.64461		7.00841	
11	7.54949 7.55009	7.58430	7.61550	7.64509 7.64557	7.67279	7.69883 7.69928	49
18	7.55068	7.58485	7.61652	7.64604	7.67369	7.69967	47
14 15	7.55127 7.55186	7.58539 7.58594	7.61708	7.64652 7.64699	7.67413 7.67458	7.70009	46 45
16	7.55245	7.58649	7.61805	7.64747	7.67502	1.70093	44
17 18	7.55304 7.55368	7.58708 7.58758	7.61855 7.61906	7.64794	7.67547 7.67591	7.70135 7.70177	43
19	7.55422	7.58812	7.61957	7.64889	7.67636	7.70219	41
200	7.55481	7.58866	7.62007	7.64936	7.67680	7.70261	40
21	7.55539	7.58921	1.62058	7.64988	7.67724	7.70302	89
22 23	7.55598 7.55656	7.58975	7.62108 7.62158	7.65930 7.65978	7.67768 7.67813	7.70344 7.70886	38 37
24	7.55715	7.59083	7.62209	7.65125	1.67857	7.70427	36
25 26	7.55778	7.59137 7.59191	7.62259 7.62309	7.65172	7.67901 7.67945	7.70469	35 34
27	7.55889	7.59245	1.62359	7.65265	7.67989	7.70552	33
28 29	7.55948 7.56006	7.59299 7.59352	7.62409 7.62459	7.65812 7.65859	7.68038 7.68077	7.70593 7.70635	32 31
30	7.56064	7.59406	7.62509	7.65406	7.68121	7.70676	30
"	47'	46′	45'	44'	43′	42'	~

cos 890

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~	1 2′	13′	14'	15'	16′	17'	*
9	7.54291	7.57767	7.60086	T.68982	7.66185	7.69418	60
	7.54851	7.57828	7.61637	7.64030	7.66830	7.69460	50
2	7.54411	7.57878	7.61689	7.64078	7.66875	7.69508	58
8	7.54471	7.5 793 4	7.61140	7.64127	7.66920	7.69545	57
4	7.54532	7.57989	7.61192	7.64175	7.66966	7.69588	
5	7.54591	7.58645	7.61243 7.61295	7.64228 7.64271	7.67011 7.67056	7.69630 7.69678	55 54
	7.5465L	7.56100			7.67100		
7	7.54711 7.54771	7.58155 7.58210	7.61346 7.61397	7.64318 7.64366	1.67145	7.69715 7.60757	53 52
	7.54830	7.58265	7.61449	7.64414	7.67190	7.69799	51
ا آ							
10	7.54890	7.56320	7.61500	7.64462	7.67235	7.69842	50
10	7.54949	1.58275	7.61551	7.64510	7.67280	7.69884	49
12	7.55009	7.58430	7.61602	1.64557	7.67824	7.69926	48
13	7.55068	7.58485	7.61658	7.64605	7.67369	7.69968	47
14	7.55127	7.58540	7.61704	7.64652	7.67414	7.70010	
15	7.55186	7.58594	7.61754	7.64100	7.67458	7.70052	
16	7.55245	7.58649	7.61805	7.64747	7.67508	7.70094	44
17	7.55304	7.58704	7.61856	7.64795	7.67547	7.70136	45
18	7.55 863 7.55 422	7.66758 7.68812	7.61906 7.61957	7.64842 7.64889	7.67592 7.67636	7.70178 7.70219	
19	1.55422	1.90012	1.01901	1.04003			
20	7.55481	7.58867	7.62008	7.64937	7.67680	7.76261	40
21	7.55589	7.56921	1.62058	7.64984	7.67125	7.70303	39
22	7.55598	1.56975	7.62108	7.65931	7.67760	7.70345	38
23	7.55657	7.59020	7.62159	7.65076	7.67813	7.70386	
	7.55715	1.59088	7.62209	7.65125	7.67857	7.70428	
25	7.55773	7.59187	7.62259	7.65172	7.67901	7.70469	35
26	7.55832	7.59191	7.62310	7.65219	7.67946	7.70511	34
27	7.55890	1.59245	7.69860	7.65266 7.65313	7.67990	7.70553 7.70594	38 32
28 29	7.55948 7.56006	7.59299 7.59653	7.62410	7.65359	7.68077	7.70635	32
20	7.56064		7.62510	7.65406	1.68121	7.70673	
"	47'	46'	45'	44'	43′	42'	"

"	12'	13′	14'	15′	16′	17'	"
30	7.56064	7.59406	7.62509	7.65406	7.68121	7.70676	30
31	7.56121 7.56179	7.59459 7.59513	7.62559 7.62609	7.65452	7.68165 7.68208	7.70718	29 28
32 33	7.56237	7.59566	7.62659	7.65546	7.68252	7.70800	27
34 35	7.56295 7.56352	7.59620 7.59673	7.62708 7.62758	7.65592 7.65638	7.68296 7.68340	7.70841	26 25
36	7.56410	1.59726	7.62808	7.65685	7.68383	7.70924	24
37	7.56467 7.56524	7.59780 7.59833	7.62857 7.62907	7.65731 7.65778	7.68427 7.68470	7.70965 7.71006	23 22
38 39	7.56582	7.59886	7.62956	7.65824	7.68514	7.71047	21
40	7.56639	7.59939	7.63006	7.65870	7.68557	7.71088	20
41	7.56696	7.59992	7.63055	7.65916	7.68601	7.71129	19
42 48	7.56753 7.56810	7.60045	7.63104 7.63153	7.65962 7.66009	7.68644 7.68687	7.71170 7.71211	18 17
44	7.56867	7.60150	7.63203	7.66055	7.68731	7.71251	16
45 46	7.56924 7.56980	7.60203 7.60255	7.63252 7.63301	7.66101 7.66146	7.68774 7.68817	7.71292 7.71333	
47	7.57037	7.60318	7.63350	7.66192	7.68860	7.71374	
48 49	7.57094 7.57150	7.60360 7.60413	7.63399 7.63448	7.66238 7.66284	7.68903 7.68946	7.71414 7.71455	
50	7.57206	7.60465	7.63496	7.66330	7.68989	7.71496	10
51	7.57263	7.60517	7.63545	7.66875	7.69032	7.71536	
52 53	7.57319	7.60570	7.63594 7.63642	7.66421 7.66467	7.69075	7.71577	
54	7.57431	7.60674	7.63691	7.66512	7.69161	7.71658	6
55 56	7.57488	7.60726	7.63740	7.66558 7.66603	7.69204 7.69247	7.71698	
57	7.57599	7.60830	7.63837	7.66649	7.69289	7.71779	3
58 59	7.57655	7.60882 7.60934	7.63885 7.63933	7.66694	7.69332	7.71819	
1	7.57767	7.60985	7.63982	7.66784	7.69417	7.71900	1
	47'	46′	45'	44'	43′	42'	<u>"</u>

~	12′	13'	14'	· 15'	16'	17'	"
30	7.56064	7 59406	7.62510	7.65406	7.69121	7.70677	30
31	7.56122	7.59460	7.62560	7.65453	7.68165	7.70718	29
22	7.56179 7.56237	7.59513 7.59567	7.62609	7.65499 7.65546	7.68209 7.68253	7.70759 7.70801	28 27
34	7.56295	7.59620	7.62709	7.65592	7.68296	7.70842	26
35 36	7.56352 7.56410	7.59673	7.62759 7.62808	7.65639 7.65685	7.68340 7.68384	7.70883	25 24
	7.56467	7.59780	7.62858	7.65782	7.68427	7.70965	23
38 39	7.56525 7.56582	7.59833 7.59886	7.62907 7.62957	7.65778 7.65824	7 68471 7.68514	7.71006 7.71047	22 21
40	7.56639	7.59939	7.63006	7.65871	7.68558	7.71088	20
41	7.56696	7.59992	7.63055	7.65917	7.68601	7.71129	19
42 43	7.56753 7.56810	7.60045 7.60098	7.63105 7.63154	7.65963 7.66009	7.68645 7.68688	7.71170 7.71211	18 17
54	7.56867	7.60150	7.63203	7.66055	7.68731	7.71252	16
45 46	7.56924 7.56981	7.60203 7.60256	7.63252 7.63301	7.66101	7.68774 7.68818	7.71293 7.71884	15 14
47	7.57037	7.60308	7.63350	7.66193	7.68861	7.71374	13
48 49	7.57094 7.57150	7.60361	7.63399 7.63448	7.66239 7.66284	7.68904 7.68947	7.71415 7.71456	12 11
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50	7.57207	7.60466	7.63497	7.66330	7.68990	7.71496	10
51 52	7.57263 7.57319	7.60518 7.60570	7.63546 7.68594	7.66376 7.66421	7.69033 7.69076	7.71587	9
53	7.57376	7.60622	7.63643	7.66467	7.69119	7.71618	7
54	7.57432	7.60674	7.63692	7.66513	7.69162	7.71658	6
55 56	7.57488 7.57544	7.60726 7.60778	7.63740 7.63789	7.66558 7.66604	7.69204 7.69247	7.71699 7.717 3 9	5
57	7.57600	7.60830	7.63837	7.66649	7.69290	7.71779	3
58 59	7.576 5 6 7.57711	7.60882 7.60934	7.63885 7.63934	7.66694 7.66740	7.69333 7.69375	7.71820 7.71860	2
60	7.57767	7.60986	7.63982	7.66785	7.69418	7.71900	ō
*	47'	46'	45'	44'	43'	42'	"

cotg 890

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	18'	19′	20′	21	22′	23′	Ľ
0	7.71900	7.74248	7.76475	7.78594	7.80615	7.82545	60
ı	7.71940	7.74286	7.76512	7.78629	7.80647	7.82577	59
	7.71980	7,74324	7.76548	7.78663	7.80680	7.82608	
8	7.72020	7.74362	7.76584	7.78698	7.80713	7.82:39	
	7.72060	7.74400	7.76620	7.18732	7.80746	7.82671	56
	7.72100	7.74438	7.76656	7.78766	7.80779	7.82702	
6	7.72140	7.74476	7.76692	7.78801	7.80612	7.82733	
	7.72180	7.74514	7.76728	7.78835	7.80844	7.82765	
	7.72220	7.74551	7.76764	7.78869	7.80877	7.82796	
9	7.72260	7.74589	7.76800	8.78903	7.80910	7.82827	51
10	7.72300	7.74627	7.76836	7.78938	7.80942	7.82859	50
	7.72340	7.74665	7.76872	7.78972	7.80975	7.82890	49
	7.72380	7.74708	7.76907	7.79006	7.81008	7.82921	48
	7.72419	7.74740	7.76943	7.79040	7.81040	7.82952	47
	7.72459	7.74778	7.76979	7.79074	7.81073	7.82983	46
	7.72499	7.74815	7.77015	7.79108	7.81105	7.83015	45
16	7.72538	7.74853	7.77051	7.79142	7.81138	7.83046	44
17	7.72578	7.74891	7.77086	7.79176	7.81170	7.83077	43
18	7.72618	7.74928	7.77122	7.79210	7.81203	7.83108	
19	7.72657	7.7 496 6	7.77158	7.79244	7.81235	7.83139	41
20	7.72697	7.75003	7.77193	1.79278	7.81268	7.83170	40
21	7.72736	7.75040	7,77229	7.79312	7.81300	7.83201	39
	7.72775	7.75078	7.77264	7.79346	7.81332	7.83232	38
	7.72815	7.75115	7.77300	7.79380	7.81365	7.83263	
	7.72854	7.75153	7.77335	7.79414	7.81397	7.83294	36
	7.72894	7.75190	7.77871	7.79448	7.81429	7.83325	35
	7.72983	7.75227	7.77406	7.79481	7.81462	7.83356	34
27	7.72972	7.75264	7.77442	7.79515	7.81494	7.83387	33
28	7.73011	7.75302	7.77477	7.79549	7.81526	7.83417	82
29	7.73050	7.75339	7.77512	7.79582	7.81558	7.83448	31
30	7.78090	7.75376	7.77548	7.79616	7.81591	7.83479	30
"	41'	40′	39′	38′	37'	36 ′	"

cos 89º

"	18'	10'	20′	21'	22'	23′	"
	10	19'	20	21	22	23	
0	7.71900	7.74248	7.76476	7.78595	7.80615	7,82546	60
ı	7.71940	7.74286	7.76512	7.78630	7.80648	7.82578	59
	7.71981	7.74825	7.76548	7.78664	7.80681	7.82609	58
3	7.72021	7.74363	7.76585	7.78698	7.80714	7.82640	57
		7.74401	7.76621	7.78733	7.80747	7.82672	56
	7.72101	7.74438	7.76657	7.78767	7.80780	7.82703	55
- 1	7.72141	7.74476	7.76693	7.78901	7.80812	7.82734	54
	7.72181	7.74514	7.76729	7.78836	7.80645	7.82766	58
	7.72221	7.74552	7.76765	7.78870	7.80878	7.82797	52
9	7.72261	7.74590	7.76801	7.78904	7.80911	7.82828	51
10	7.72301	7.74628	7.76837	7.78938	7.80943	7.82860	50
١., ا	7.72340	7.74665	7.76872	7.78973	7.80976	7.82891	49
	7.72380	7.74708	7.76908	7.79007	7.81009	7.82922	48
	7.72420	7.74741	7.76944	7.79041	7.81041	7.82953	47
14	7.72460	7.74779	7.76980	7.79075	7.81074	7.82984	46
15	7.72499	7.74816	7.77016	7.79109	7.81106	7.83016	45
16	7.72539	7.74854	7.77061	7.79148	7.81189	7.83047	44
17	7.72579	7.74891	7.77087	7.79177	7.81171	7.83078	43
	7.72618	7.74929	7.77123	7.79211	7.81204	7.83109	42
19	7.72658	7.74966	7.77158	7.79245	7.81236	7.83140	41
20	7.72697	7.75004	7.77194	7.79279	7.81269	7.83171	40
21	7.72737	7.75041	7.77280	7.79313	7.81201	7,83202	29
	7.72776	7.75079	7.77265	7.79347	7.81333	7.83233	38
23	7.72815	7.75116	7.77301	7.79381	7.81366	7.83264	37
24	7.72855	7.75153	7.77336	7.79415	7.81398	7.83295	36
25	7.72894	7.75191	7.17372	7.79448	7.81430	7.83326	
26	7.72938	7.75228	7.77407	7.79482	7.81463	7.83357	34
27	7.12973	7.75265	7.77442	7.79516	7.81495	7.83388	
	7.78012	7.75802	7.77478	7.79550	7.81527	7.83418	
	7.73051	7.75339	7.77518	7.79583	7.81559	7.83449	1 - 1
30	7.78090	7.75877	7.77549	7.79617	7.81591	7.83480	30
~	41'	40'	39′	38′	37′	36'	"

cotg 89º

"	18′	19'	20′	21′	22'	23′	"
30	7.73090	7.75376	7.77548	7.79616	7.81591	7.83479	30
31	7.73129	7.75413	7.77583	7.79650 7.79683	7.81623 7.81655	7.83510	29 28
32 33	7.73168 7.73207	7.75450 7.75487	7.77618 7.77654	7.79717	7.81687	7.83571	27
34	7.73246	7.75524	7.77689	7.79751	7.81719	7.83602	26
35 36	7.73285 7.73324	7.75561 7.75598	7.77724	7.79784	7.81751	7.83633 7.8366 3	25 24
37	7.73363	7.75635	7.77794	7.79851	7.81815	7.83694	
38 39	7.73401 7.73440	7.75672 7.75709	7.77829 7.77864	7.79885	7.81847 7.81879	7.83725 7.83755	22 21
40	7.73479	7.75745	7.77899	7.79952	7.81911	7.83786	20
41	7.73518	7.75782	7.77934	7.79985	7.81943	7.83817	19
42 43	7.73557 7.73595	7.75819 7.75856	7.77969	7.80018 7.80052	7.81975 7.82007	7.83847	18
44	7.73634	7.75892	7.78039	7.80085	7.82039	7.83878	
45	7.73673	7.75929	7.78074	7.80118	7.82070	7.83939	15
46 47	7.73711	7.75966 7.76002	7.78109	7.80152 7.80185	7.82102 7.82134	7.83969	14
48	7.73788	7.76039	7.78179	7.80218	7.82166	7.84030	12
49	7.73827	7.76075	7.78213	7.80251	7.82198	7.84060	H
50	7.73865	7.76112	7.78248	7.80284	7.82229	7.84091	10
	7.73904	7.76148	7.78283	7.80317	7.82261	7.84121	9
52 53	7.73942 7.73980	7.76185 7.76221	7.78318 7.78352	7.80351 7.80384	7.82293 7.82324	7.84151 7.84182	8
54	7.74019	7.76258	7.78387	7.80417	7.82356	7.84212	6
55 56	7.74057 7.74095	7.76294 7.76330	7.78422	7.80450 7.80483	7.82387 7.82419	7.84242 7.84273	5
57	7.74133	7.76367	7.78491	7.80516	7.82451	7.84303	3
58 59	7.74171 7.74210	7.76403	7.78525 7.78560	7.80549 7.80582	7.82482 7.82514	7.84333 7.84363	2
60	7.74248	7.76475	7.78594	7.80615	7.82545	7.84393	0
"	41'	40′	39′	38′	37′	36′	~

	18′	19'	20′	21′	22′	23′	″
30	7.73090	7.75377	7.77549	7.79617	7.81591	7.83480	30
	7.73129	7.75414	7.77584	7.79651	7.81624	7.83511	29
	7.73168 7.73207	7.75451	7.77619	7.79684 7.79718	7.81656 7.81688	7.83542 7.83572	28 27
	7.73246	7.75525	7.77690	7.79751	7.81720	1.83603	26
35 36	7.73285 7.73324	7.75562	7.77725	7.79785	7.81752 7.81784	7.83634 7.83664	25 24
	7.73363	7.75686	7.77795	7.79852	7.81816	7.83695	23
	7.78402 7.73441	7.75672	7.77880	7.79886 7.79919	7.81848 7.81880	7.83726 7.83756	22 21
40	7.73480	7.75746	7.77900	7.79952	7.81912	7.83787	20
41 42	7.78518 7.73557	7.75783	7.77985	7.79986	7.81944 7.81976	7.83818 7.83848	19 18
43	7.73596	7.75820 7.75856	1.78005	7.80019 7.80053	7.82008	7.83879	17
44	7.73685	7.75893	7.78040	7.80086	7.82040	7.83909	16
45 46	7.73673 7.73712	7.75980	7.78075	7.80119 7.80152	7.82071 7.82103	7.83940 7.83970	15 14
	7.73750	7.76003	7.78145	7.80186	7.82135	7.84001	13
	7.73789 7.73827	7.76040 7.76076	7.78179 7.78214	7.80219 7.80252	7.82167 7.82198	7.84031 7.84061	12 11
50	7.73866	7.76118	7.78249	7.80285	7.82230	7.84092	-
51	7.78904	7.76149	7.18284	7.80318	7.82262	7.84122	9
52	7.73943 7.7 39 61	7.76186 7.76222	7.78318 7.78353	7.80351 7.80385	7.82294 7.82325	7.84152 7.84183	8
	7.74019	7.16258	7.78388	7.80418	7.82357	7.84213	6
55	7.74058	7.76295	7.78422	7.80451	7.82388	7.84243	5
	7.74096 7.74134	7.76331	7.78457	7.80484	7.82420 7.82452	7.84274 7.84304	3
58	7.74172	7.76404	7.78526	7.80550	7.82483	7.84334	2
	7,74210	7.76440	7.78561	7.80583	7.82515	7.84364	1
60	7.74248						<u> </u>
"	41'	40′	39′	38′	37'	36′	

cotg 890

(67.7							
	24'	25'	26'	27'	28′	29′	″
0	7.84393	7.86166	7.87870	7.89509	7.91088	7.92612	60
1	7.84424 7.84454	7.86195 7.86224	7.87897 7.87925	7.89535 7.89562	7.91114	7.92637 7.92662	59 58
3	7.84484	7.86253	7.87953	7.89589	7.91165	7.92687	57
4 5	7.84514 7.84544	7.86282 7.86311	7.87981 7.88009	7.89616 7.89642	7.91191	7.92712 7.92737	56 55
6	7.84574	7.86340	7.88036	7.89669	7.91243	7.92761	54
8	7.84504 7.84634	7.86368 7.86397	7.88064 7.88092	7.89696 7.89722	7.91269 7.91294	7.92786 7.92811	53 52
9	7.84664	7.86426	7.88119	7.89749	7.91820	7.92836	51
10	7.84694	7.86455	7.88147	7.89776	7.91346	7.92861	50
	7.84724 7.84754	7.86484 7.86512	7.88175 7.88202	7.89802 7.89829	7.91371	7.92886 7.92910	49
	7.84784	7.86541	7.88230	7.89856	7.91423	7.92935	41
14 15	7.84814	7.86570 7.86598	7.86258 7.88285	7.89682 7.89909	7.91448	7.92960 7.92985	46 45
16	7.84873	7.86627	7.88313	7.89935	7.91500	7.93009	
17 18	7.8490 8 7.84933	7.86656 7.86684	7.88340 7.88368	7.89962 7.89968	7.91525 7.91551	7.93034 7.93059	42
19	7.84963	7.86718	7.88395	7.90015	7.91576	7.93064	41
20	7.84992	7.86741	7.88423	7.90041	7.91602	7.93108	40
21 22	7.85022 7.85052	7.86770 7.86799	7.88450 7.88473	7.90068 7.90094	7.91627 7.91658	7.98133 7.93158	39 38
23	7.85082	7.86827	7.88505	7.90121	7.91678	7.98182	81
24 25	7.85111 7.85141	7.86856 7.86884	7.88533 7.88560	7 90147 7.90174	7.91704 7.91729	7.93207 7.93231	36 35
26	7.85171	7.86913	7.88587	7.90200	7.91755	7.98256	
27 28	7.85200 7.852 3 0	7.86941 7.86969	7.88615 7.88642	7.90226 7.90258	7.91780 7.91806	7.93281 7.93305	22 22
29 20	7.85259	7.86998	7.88669	7.90279	7.91831	7.93330	31 30
77	35'	34	33′	32'	31'	30′	*

	24'	25 ′	26 ′	27'	28′	29′	Ľ
0	7.84394	7.86167	7.87871	7.89510	7.91089	7.92613	60
1	7.84425	7.86196	7.87899	7.89537	7.91115	7.92638	59
2	7.84455	7.86225	7.87926	7.89563	7.91141	7.92663	58
3	7.84485	7.86254	7.87954	7.89590	7.91167	7.92688	57
4	7.84515	7.86283	7.87982	7.89617	7.91193	7.92713	
	7.84545	7.86312	7.88010	7.89644	7.91218	7.92738	55
6	7.84575	7.86341	7.88037	7.89670	7.91244	7.92763	54
	7.84605	7.86370	7.88065	7.89697	7.91270	7.92788	
	7.84635	7.86398	7.88093	7.89724	7.91296	7.92813	
9	7.84665	7.86427	7.88121	7.89750	7.91321	7.92838	51
10	7.84695	7.86456	7.88148	7.89777	7.91347	7.92862	50
l ,, l	7.84725	7.86485	7.88176	7,89804	7.91373	7.92887	امها
	7.84755	7.86513	7.88204	7.89830	7.91298	7.92912	48
	7.84785	7.86542	7.88231	7.89857	7.91424	7.92987	47
14	7.84815	7.86571	7.88259	7.89884	7.91450	7.92961	46
	7.84845	7.86600	7.88286	7.89910	7.91475	7.92986	45
	7.84874	7.86628	7.88314	7.89937	7.91501	7.98011	44
17	7.84904	7.86657	7.88342	7.89963	7.91527	7.93036	43
18	7.84984	7.86685	7.88369	7.89990	7.91552	7.93060	42
19	7.84964	7.86714	7.88397	7.90016	7.91578	7.93085	41
20	7.8499 3	7.86743	7.88424	7.90043	7.91603	7.93110	40
21	7.85023	7.86771	7.88452	7.90069	7.91629	7.98134	39
	7.85053	7.86800	7.88479	7.90096	7.91654	7.93159	38
	7.85083	7.86828	7.88506	7.90122	7.91680	7.98184	37
24	7.85112	7.86857	7.88534	7.90149	7.91705	7.93208	36
25	7.85142	7.86885	7.88561	7.90175	7.91781	7.93233	
26	7.85172	7.86914	7.88589	7.90201	7.91756	7.93258	
	7.85201	7.86942	7.88616	7.90228	7.91782	7.93282	33
	7.85231	7.86971	7.88643	7.90254	7.91807	7.93307	32
1	7.85260	7.86999	7.88671	7.90280	7.91833	7.93331	31
30	7.85290	7.87027	7.88608	7.90307	7.91858	7.93356	30
"	35'	34′	33′	32'	31′	30 ′	"

cotg 899

							1
"	24'	25'	26′	27'	2 8′	29′	
30	7.85289	7.87026	7.88697	7.90305	7.91857	7.93854	30
	7.85318	7.87055	7.88724	7.90332	7.91882	7.93379	
32 23	7.85348 7.85377	7.87083	7.88751 7.88779	7.90358	7.91907 7.91932	7.93403 7.93428	28 27
34	7.85407	7.87140	7.88806	7.90351	7.91958	7.93452	26
25	7.85436	7.87168	7.88833	7.90437	7.91983	7.93477	25
36	7.85466	7.87196	7.88860	7.90463	7.92009	7.98501	24
37	7.85495	7.87224	7.88888	7.90489	7.92034	7.93526	
38	7.85525	7.87253	7.88915	7.90515	7.92059	7.93550	
39	7.85554	7.87281	7.88942	7.90542	7.92065	7.93575	21
40	7.85583	7.87309	7.88969	7.90568	7.92110	7.93599	20
41	7.85613	7.87337	7.88996	7,90594	7.92135	7.93623	19
42	7.85642	7.87366	7.89023	7.90620	7.92160	7.93648	18
4.3	7.85671	7.87394	7.89050	7.90646	7.92186	7.93672	17
44	7.85701	7.87422	7.89077	7.90672	7.92211	7.93696	16
45	7.85730	7.87450	7.89105	7.90698	7.92236	7.93721	15
46	7.85759	7.87478	7.89132	7.90725	7.92261	7.98745	14
47	7.85788	7.87506	7.89159	7.90751	7.92286	7.93769	
48 49	7.85817	7.87534	7.89186 7.89213	7.90777	7.92311	7.93794	
**	1.85641	1.81302	1.09213	1.90803	1.92330	7.93818	*1
50	7.85876	7.87590	7.89240	7.90829	7.92362	7.93842	10
51	7.85905	7.87618	7.89267	7.90855	7.92387	7.93866	9
52	7.85934	7.87646	7.89294	7.90881	7.92412	7.93891	8
52	7.85963	7.87674	7.89320	7.90907	7.92437	7.93915	7
54	7.85992	7.87702	7.89347	7.90933	7.92462	7.93939	
55	7.86021	7.87730	7.89374	7.90958	7.92487	7.93963	
56	7.86050	7.87758	7.89401	7.90984	7.92512	7.93968	
57 58	7.86079 7.86108	7.87786 7.87814	7.89428 7.89455	7.91010 7.91036	7.92537 7.92562	7.94012	
59	7.86137	7.87842	7.89482	7.91062	7.92587	7.94036 7.94060	
	7.86166	7.87870	7.89509	7.91088	7.92612	7.94084	1 6
~	35'	34'	33′	32′	31'	30'	<u>"</u>

"	24′	25′	26′	27'	28′	29 ′	
30	7.85290	7.87027	7.88698	7.90307	7.91858	7.93356	30
31	7.85319 7.85349	7.87056	7.88725	7.90333	7.91883	7.93380	29
32 33	7.85378	7.87084 7.87118	7.88753	7.90359 7.90386	7.91909	7.93405 7.93429	28 27
	7.85408	7.87141	7.88807	7.90412	7.91960	7.93454	26
	7.85437 7.85467	7.87169 7.87197	7.88834	7.90438 7.90464	7.91985	7.93478 7.93503	25 24
	7.85496	7.87226	7.88889	7.90491	7.92036	7.93527	23
	7.85526	7.87254	7.88916	7.90517	7.92061	7.93552	22
39	7.85555	7.87282	7.88943	7.90543	7.92086	7.98576	21
40	7.85584	7.87810	7.88970	7.90569	7.92111	7.93601	20
41	7.85614	7.87339	7.88997	7.90595	7.92187	7.93625	19
	7.85648	7.87367	7.89025	7.90622	7.92162	7.98649	18
1	7.85672	7.87395	7.89052	7.90648	7.92187	7.93674	17
	7.85702 7.85731	7.87423 7.87451	7.89079 7.89106	7.90674	7.92212	7.93698	16 15
46	7.85760	7.87479	7.89100	7.90726	7.92263	7.98722	15
47	7.85789	7.87507	7.89160	7.90752	7.92288	7.93771	13
48	7.85819	7.87535	7.89187	7.90778	7.92313	7.93795	12
49	7.85848	7.87563	7.89214	7.90804	7.92338	7.93820	11
50	7.85877	7.87591	7.89241	7.90830	7.92363	7.93844	10
	7.85906	7.87619	7.89268	7.90856	7.92388	7.93868	9
52	7.85985	7.87647	7.89295	7.90682	7.92413	7.93892	8
53	7.85964	7.87675	7.89322	7.90908	7.92438	7.93917	7
54 55	7.85993 7.86022	7.87708	7.89349 7.89376	7.90984	7.92463	7.98941	6
	7.86051	7.87759	7.89403	7.90986	7.92488	7.93965 7.93969	4
57	7.86080	7.87787	7.89429	7.91012	7.92538	7.94018	2
	7.86109	7.87815	7.89456	7.91038	7.92563	7.94038	2
59	7.86138	7.87843	7.89483	7.91064	7.92588	7.94062	1
60	7.86167	7.87871	7.89510	7.91089	7.92613	7.94086	0
00	35′	34'	33′	32′	31'	30'	"

<u>"</u>	30′	31′	32′	33′	34'	35′	
v	7.94084	7.95508	7.96887	7.98228	7.99520	8.00779	60
1 2	7.94108 7.94132	7.95532 7.95555	7.96910 7.96932	7.98245 7.98267	7.99541 7.99562	8.00799 8.00820	59 58
3 4	7.94157	7.95578	7.96955	7.98289	7.99584 7.99605	8.00841	57 56
5	7.94205	7.95625	7.97000	7.98333	7.99626	8.00882	55
6	7.94229	7.95648	7.97022	7.98355	7.99647	8.00903	54
8	7.94253	7.95671	7.97045	7.98377 7.98398	7.99669 7.99690	8.00923 8.00944	53 52
	7.94301	7.95718	7.97090	7.98420	7.99711	8.00964	51
10	7.94325	7.95741	7.97113	7.98442	7.99732	8.00985	50
11	7.94349	7.95764	7.97135	7.98464	7.99753	8.01006	49
	7.94373	7.95787	7.97158	7.98486	7.99775	8.01026	48
13	7.94397	7.95811	7.97180	7.98508	7.99796	8.01047	47
!!	7.94421	7.95834	7.97202	7.98529	7.99817	8.01067	46
15	7.94445 7.94469	7.95857 7.95880	7.97225	7.98551	7.99838	8.01088 8.01108	45 44
17	7.94492	7.95908	7.97270	7.98595	7.99880	8.01129	43
iś	7.94516	7.95908	7.97292	7.98616	7.99901	8.01149	42
	7.94540	7.95950	7.97315	7.98638	7.99922	8.01170	41
20	7.94564	7.95978	7.97387	7.98660	7.99943	8.01190	40
21	7.94588	7.95996	7.97859	7.98682	7.99965	8.01211	39
22	7.94612	7.96019	7.97382	7.98703	7.99986	8.01231	38
	7.94636	7.96042	7.97404	7.98725	8.00007	8.01252	37
	7.94659	7.96065	7.97426	7.98747	8.00028	8.01272	36
	7.94688	7.96088	7.97449	7.98768	8.00049	8.01293	35
26	7.94707	7.96111	7.97471	7.98790	8.00070	8.01313	34
	7.94781	7.96134	7.97493	7.98812	8.00091	8.01333	33
	7.94755 7.94778	7.96157 7.96180	7.97516 7.97538	7.98833 7.98855	8.00112 8.00133	8.01354 8.01374	32 31
	7.94902	7.96203	7.97560	7.98876	8.00154	8.01395	3.)
				**********	0.0000	-	
	29′	2 8′	27'	26 ′	25'	24'	

"	30′	31′	32′	33′	34′	35′	~
0	7.94086	7.95510	7.96889	7.98225	7.99522	8.00781	60
	7.94110 7.94134	7.95533	7.96911 7.96934	7.98247	7.99548 7.99564	8.00802 8.00822	
	7.94158	7.95580	7.96957	7.98291	7.99586	8.00843	
	7.94182	7.95603	7.96979	7.98313	7.99607	8.00664	56
5 6	7.94206 7.94230	7.95627 7.95650	7.97002	7.98335 7.98357	7.99628 7.99649	8.00884 8.00905	55 54
	7.94254	7.95678	7.97047	7.98379	7.99671	8.60925	
	7.94278 7.94302	7.95696	7.97069	7.98400 7.98422	7.99692	8.00946	52 51
	7.94326	# 0F749					-
		7.95743	7.97114	7.98444	7.99734	8.00987	50
	7.94350	7.95766 7.95789	7.97187	7.98466	7.99755	8.01008 8.01028	49
13	7.94398	7.95812	7.97182	7.98510	7.99798	8.01049	
	7.94422 7.94446	7.95836 7.95859	7.97204	7.98581	7.99819	8.01070	
	7.94470	7.95882	7.97249	7.98575	7.99861	8.01090 8.01111	45 44
	7.94494	7.95905	1.97272	7.98597	7.99882	8.01181	43
	7.94518 7.94542	7.95928 7.95951	7.97294	7.98618	7.99903 7.99925	8.01152 8.01172	
20	7.94566	7.95974	7.97339	7.98662	7.99946	8.01193	
							-
	7.94590 7.94613	7.95998 7.96021	7.97361	7.98684	7.99967 7.99988	8.01213 8.01234	
23	7.94637	7.96044	7.97406	7.98727	8.00009	8.01254	
	7.94661	7.96067	7.97428	7.98749	8.00030	8.01274	36
	7.94685 7.94709	7.96090 7.96113	7.97451	7.98770 7.98792	8.00051 8.00072	8.01295 8.01315	
	7.94782	7.96136	7.97495	7.98814	8.00012	8.01315	1
	7.94756	7.96159	7.97518	7.98835	8.00093 8.00114	8.01256	
29	7.94780	7.96182	7.97540	7.98857	8.00125	8.01377	31
30	7.94804	7.96205	7.97562	7.98878	8.00156	8.01397	30
"	29 ′	28′	27′	26 ′	25'	24'	″

"	30′	31′	32′	33′	34′	35′	"
30	7.94802	7.96203	7.97560	7.98876	8.00154	8.01395	30
	7.94826	7.96226	7.97583	7.98898	8.00175	8.01415	29
32 33	7.94849 7.94873	7.96249 7.96272	7.97605	7.98920	8.00196 8.00217	8.01435 8.01456	28 27
1	7.94897	7.96295	7.97649	7.98963	8.00238	8.01476	26
	7.94921	7.96318	7.97672	7.98984	8.00259	8.01496	25
	7.94944	7.96341	7.97694	7.99006	8.00279	8.01517	24
37	7.94968	7.96364	7.97716	7.99027	8.00300	8.01537	23
	7.94991	7.96386	7.97738	7.99049	8.00321	8.01557	22
39	7.95015	7.96409	7.97760	7.99070	8.00342	8.01578	21
40	7.95039	7.96432	7.97782	7.99092	8.00368	8.01598	20
4.	7.95062	7.96455	7.97805	7.99118	8.00384	8.01618	19
42	7.95086	7.96478	7.97827	7.99135	8.00405	8.01639	18
43	7.95109	7.96501	7.97849	7.99156	8.00426	8.01659	17
44	7.93133	7.96524	7.97871	7.99178	8.00447	8.01679	16
45	7.95157	7.96546	7.97893	7.99199	8.00467	8.01699	15
46	7.95180	7.96569	7.97915	7.99221	8.00488	8.01720	14
47	7.95204	7.96592	7.97937	7.99242	8.00509	8.01740	
48	7.95227	7.96615	7.97959	7.99264	8.00530	8.01760	12
49	7.95251	7.96637	7.97981	7.99285	8.00551	8.01780	11
50	7.95274	7.96660	7.98003	7.99306	8.00571	8.01801	10
51	7.95298	7.96683	7.98025	7.99328	8.00592	8.01821	9
	7.95321	7.96706	7.98048	7.99349	8.00613	8.01841	8
53	7.95344	7.96728	7.98070	7.99371	8.00634	8.01861	7
	7.95368	7.96751	7.98092	7.99392	8.00654	8.01881	6
	7.95891	7.96774	7.98114	7.99413	8.00675	8.01901	5
	7.95415	7.96796	7.98136	7.99435	8.00696	8.01922	4
57	7.95438	7.96819	7.98157	7.99456	8.00717	8.01942	3
58 59	7.95461	7.96842	7.98179	7.99477	8.00737 8.00758	8.01962 8.01982	2
			7.98223			8.02002	
	7.95508	7.96887	7.96223	7.99520	8.00779	8.UZUUZ	0
"	2 9′	28'	27'	26′	25 ′	24'	"

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<u>"</u>	30′	31′	32′	33′	34′	35'	"
30	7.94804	7.96205	7.97562	7.98878	8.00156	8.01397	20
31	7.94827	7.96228	7.97585	7.98800	8.00177	8.01417	29
	7.94851 7.94875	7.96251	7.97607 7.97629	7.98922	8.00198 8.00219	8.01438 8.01458	28 27
34	7.94899	7.96297	7.97651	7.98965	8.00240	8.01478	26
35 36	7.94922	7.96343	7.97678	7.99986	8.00261 8.00282	8.01499 8.01519	25 24
37	7.94970	7.96365	7.97718	7.99029	8.00803	8.01539	23
38 39	7.94998 7.95017	7.96388	7.97740	7.99051	8.00324	8.01560 8.01580	22 21
40	7.95040	7.96434	7.97784	7.99094	8.00365	8.01600	20
41 42	7.95064 7.95068	7.96457	7.97807	7.99116	8.00386 8.00407	8.01621	19 18
43	7.95111	7.96503	7.97851	7.99158	8.00428	8.01641 8.01661	17
44 45	7.95135 7:95158	7.96525	7.97873	7-99180	8.00449	8.01682	
46	7.95138	7.96548 7.96571	7.97895	7.99201 7.99223	8.00470	8.01702 8.01722	15 14
	7.95205	7.96594	7.97989	7.99244	8.00511	8.01742	13
48 49	7.95229 7.95252	7.96617 7.96639	7.97961	7.99266	8.00532 8.00553	8.01762 8.01783	
50	7.95276	7.96662	7.98005	7.99306	8.00574	8.01803	``
-							
	7.95299 7.95323	7.96685 7.96708	7.98027 7.98050	7.99330 7.99351	8.00594 8.00615	8.01823 8.01843	9
53	7.95346	7.96730	7.98072	7.99373	8.00636	8.01863	7
54 55	7.95370 7.95398	7.96758 7.96776	7.98094 7.98116	7.99394	8.00657 8.00677	8.01884 8.01904	6 5
56	7.95416	7.96798	7.98138	7.99437	8.00698	8.01924	4
57 58	7.95440	7.96821	7.98159 7.98181	7.99458	8.00719	8.01944 8.01964	3
59	7.95487	7.96866	7.98203	7.99501	8.00760	8.01984	î
60	7.95510	7.96889	7.98225	7.99522	8.00781	8.02004	0
"	29′	28′	27'	26′	25'	24'	"

	36'	37′	38′	39′	40′	41'	
0	8.02002	8.03192	8.04350	8.05478	8.96578	8.07650	60
1	8.02022	8.03212	8.04369	8.05497	8.06596	8.07668	59
	8.02042	8.03231	8.04388	8.05515	8.06614	8.07685	58
3	8.02062	8.03251	8.04407	8.05534	8.06632	8.07703	57
4	8.02062	8.03270	8.04426	8.05552	8.06650	8.07721	56
5	8.02102	8.03299	8.04445	8.05571	8.06668	8.07738	55
6	8.02123	8.08309	8.04464	8.05589	8.06686	8.07756	54
	8.02143	8.03329	8.04483	8.05608	8.06704	8.07773	53
	8.02163	8.08348	8.04502	8.05626	8.06722	8.07791	52
9	8.02183	8.03368	8.04521	8.05645	8.06740	8.07809	51
10	8.02203	8.03387	8.04540	8.05663	8.06758	8.07826	50
l	8.02223	8.03407	8.04559	8-05682	8.06776	8.07844	49
ll is	8.02243	8.03426	8.04578	8.05700	8.06794	8.07861	48
	8.02263	8.03446	8.04597	8.05719	8.06812	8.07879	
14	8.02283	8.03465	8.04616	8.05737	8.06830	8.07896	46
	8.02303	8.03484	8.04635	8.05756	8.06848	8.07914	45
16	8.02323	8.03504	8.04654	8.05774	8.06866	8.07932	44
17	8.02348	8.03523	8.04673	8.05792	8.06884	8.07949	43
	8.02362	8.03543	8.04692	8.05811	8.06902	8.07967	42
	8.02382	8.03562	8.04710	8.05829	8.06920	8.07981	41
20	8.02402	8.03581	8.04729	8.05848	8.06938	8.08002	40
21	8.02422	8.03601	8.04748	8.05862	8.06956	8.08019	39
	8.02442	8.03620	8.04767	8.05885	8.06974	8.08037	38
23	8.02462	8.03640	8.04786	8.05903	8.06992	8.08054	37
24	8.02482	8.03659	8.04805	8.05921	8.07010	8.08072	36
25	8.02502	8.03678	8.04824	8.05940	8.07028	8.08089	35
26	8.02522	8.03698	8.04843	8.05958	8.07046	8.08107	34
	8.02542	8.08717	8.04861	8.05976	8.07063	8.08124	33
	8.02561	8.03736	8.04880	8.05995	8.07081	8.08141	32
29	8.02581	8.03756	4.04899	8.06013	8.07099	8.08159	31
30	8.02601	8.03775	8.04918	8.06031	8.07117	8.08170	30
"	23′	22'	21'	20'	19'	18'	"

ens 89⁹

"	36'	37'	38'	39′	40'	41'	"
_	-	<u> </u>			<u> </u>		\vdash
0	8.02004	8.03194	8.04353	8.05481	8.06581	8.07653	60
1	8.02025	8.03214	8.04372	8.05499	8.06599	8.07671	59
	8.02045	8.03234	8.04891	8.05518	8.06617	8.07688	58
3	8.02065	8.03253	8.04410	8.05537	8.06635	8.07706	57
4	8.02065	8.08278	8.04429	8.05555	8.06653	8.07724	56
	8.02105	8.03292	8.04448	8.05574	8.06671	8.07741	55
6	8.02125	8.08312	8.04467	8.05592	8.06689	8.07759	54
7	8.02145	8.03331	8.04486	8.05611	8.06707	8.07776	58
	8.02165	8.03351	8.04505	8.05629	8.06725	8.07794	52
9	8.02185	8.03370	8.04524	8.05648	8.06743	8.07812	51
10	8.02205	8.03390	8.04543	8.05666	8.06761	8.07829	50
	8.02225	8.03409	8.04562	8.05685	8.66779	8.07847	49
	8.02245	8.08429	8.04581	8.05708	8.06797	8.07864	48
	8.02265	8.03448	8.04600	8.05722	8.06815	8.07882	47
	8.02285	8.03468	8.04619	8.05740	8.06833	8.07900	46
	8.02305	8.03487	8.04638	8.05758	8.06851	8.07917	45
	8.02325	8.03506	8.04656	8.05777	8.06869	8.07935	44
17	8.02345	8.02526	8.04675	8.05795	8.06887	8.07952	48
	8.02365	8.03545	8.04694	8.05814	8.06905	8.07970	42
	8.02385	8.03565	8.04718	8.05832	8.06923	8.07987	41
20	8.02405	8.03584	8.04732	8.05851	8.06941	8.09005	40
21	8.02425	8.03603	8.04751	8.05869	8.06959	8.08022	29
	8.02445	8.03623	8.04770	8.05887	8.06977	8.08040	38
	8.02464	8.03642	8.04789	8.05906	8.06995	8.00057	37
24	8.02484	8.03661	8.04808	8.05924	8.07013	8.08075	36
	8.02504	8.03681	8.04826	8.05943	8.07031	8.08092	35
26	8.02524	8.03700	8.04845	8.05961	8.07049	8.08110	34
	8.02544	8.02720	8.04864	8.05979	8.07066	8.06127	33
	8.02564	8.03789	8.04883	8.05998	8.07084	8.06145	82
29	8.02584	8.03758	8.04902	8.06016	8.07102	8.08162	31
30	8.02604	8.03777	8.04921	8.06034	8.07120	8.06180	30
"	23′	22′	21′	20′	19'	18'	"

~	36′	37′	38′	39′	40′	41'	"
30	8.02601	8.03775	8.04918	8.06031	8.07117	8.08176	30
	8.02621	8.03794	8.04937	8.00050	8.07135	8.08194	29
	8.02641 8.02661	8.03813 8.03833	8.04955 8.04974	8.06068	8.07153	8.06211 8.06229	28 27
34	8.02680	8.03852	8.04993	8.06105	8.07189	8.08246	26
35	8.02700	8.03871	8.05012	8.06128	8.07206	8.06263	25
36	8.02720	8.03891	8.05030	8.06141	8.07224	8.06281	24
	8.02740	8.03910 8.03929	8.05049 8.05068	8.06159 8.06178	8.07242 8.07260	8.08298 8.08316	23 22
39	8.02779	8.03948	8.05087	8.06196	8.07278	8.08333	21
40	8.02799	8.03967	8.05105	8.06214	8.07295	8.08350	20
41	8.02819	8.03987	8.05124	8.06232	8.07313	8.08368	19
42	8.02838	8.04006	8.05143	8.06251	8.07331	8.08385	18
43	8.02858	8.04025	8.05161	8.06269	8.07349	8.06403	17
44	8.02878 8.02898	8.04044 8.04063	8.05180	8.06287 8.06305	8.07367	8.08420 8.08437	16 15
46	8.02917	8.04083	8.05218	8.06324	8.07402	8.08455	14
47	8.02937	8.04102	8.05236	8.06342	8.07420	8.08472	13
48	8.02957	8.04121	8.05255	8.06360	8.07438	8.08439	12
49	8.02976	8.04140	8.05274	8.06378	8.07455	8.08506	11
50	8.0 29 96	8.04159	8.05292	8.06396	8.07473	8.08524	10
	8.03016	8.04178	8.05311	8.06414	8.07491	8.08541	9
	8.03035	8.04197	8.05329	8.06433	8.07509	8.08558	8
n	8.03055	8.04217	8.05348	8.06451	8.07526	8.08576	7
54 55	8.03074 8.03094	8.04236 8.04255	8.05367	8.06469 8.06487	8.07544	8.08593	6
	8.03114	8.04274	8.05404	8.06505	8.07579	8.08627	4
57	8.03133	8.04293	8.05422	8.06523	8.07597	8.08645	3
	8.03153	8.04312	8.05441	8.06541	8.07615	8.08662	2
B	8.03172	8.04331	8.05460	8.06560	8.07632	8.08679	ı
60	8.03192	8.04350	8.05478	8.06578	8.07650	8.08696	0
"	23′	22′	21'	20′	19'	18'	"

"	36′	37′	38′	39 ′	40′	41'	"
30	8.02604	8.03777	8.04921	8.06034	8.07120	8.08180	30
	8.02623 8.02643	8.03797 8.03816	8.04939 8.04958	8.06053	8.07138 8.07156	8.08197 8.08214	29 28
	8.02663	8.03835	8.04977	8.06089	8.07174	8.08232	27
	8.02683	8.03855	8.04996	8.06107	8.07192	8.08249	26
	8.02703 8.02722	8.03874 8.03893	8.05014	8.06126 8.06144	8.07209	8.08267 8.08284	25 24
i	8.02742	8.03912	8.05052	8.06162	8.07245	8.06301	23
	8.02762	8.03932	8.05071	8.06181	8.07268	8.08319	22
39	8.02782	8.03951	8.05089	8.06199	8.07281	8.06336	21
40	8.02801	8.03970	8.05108	8.06217	8.07298	8.08354	20
41	8.02821	8.03989	8.05127	8.06235	8.07316	8.06371	19
	8.02841	8.04008	8.05146 8.05164	8.06254 8.06272	8.07334 8.07352	8.08388	18 17
	8.02861	8.04028		8.06290	8.07370	8.08423	16
44	8.02880 8.02900	8.04047 8.04066	8.05183	8.06308	8.07337	8.08440	15
	8.02920	8.04085	8.05220	8.06326	8.07405	8.08458	14
47	8.02939	8.04104	8.03239	8.06345	8.07423	8.08475	13
	8.02959	8.04124	8.05258	8.06368	8.07441	8.08492	
49	8.02979	8.04143	8.05276	8.06381	8.07458	8.08510	**
50	8.02998	8.04162	8.05295	8.06399	8.07476	8.08527	10
51	8.03018	8.04181	8.05314	8.06417	8.07494	8.08544	9
52	8.03038	8.04200	8.05332	8.06436	8.07512	8.08562	8
	8.03057	8.04219	8.05351	8.06454	8.07529	8.08579	6
54 55	8.03077	8.04238	8.05369	8.06472	8.07547	8.08596 8.08613	5
	8.03097 8.03116	8.04276	8.05407	8.06508	8.07582	8.08631	4
57	8.03136	8.04296	8.05425	8.06526	8.07600	8.08648	8
	8.03155	8.04315	8.05444	8.06544	8.07618	8.08665	2
1	8.03175	8.04334	8.05462	8.06562	8.07635	8.08682	1
60	8.03194	8.04353	8.05481	8.06581	8.07653	8.08700	0
"	23	22′	21'	20′	19'	18'	"

	42′	43′	44'	45′	46′	47'	"
0	8.06696	8.09718	8.10717	8.11693	8.12647	8.13581	60
	8.08714 8.08731	8.09785 8.09752	8.10783	8.11709	8.12663	8.13596	1
	8.08748	8.09769	8.10750 8.10766	8.11725 8.11741	8.12679 8.12694	8.13612 8.13627	58 57
4	8.08765	8.09786	8.10782	8.11757	8.12710	8.13643	56
	8.08783	8.09802	8.10799	8.11773	8.12726	8.13658	55
6	8.08800	8.09819	8.10615	8,11789	8.12741	8.13673	54
7 8	8.08817 8.08834	8.09836 8.09853	8.10832 8.10848	8.11805	8.12757 8.12773	8.13689 8.13704	53 52
	8.08851	8.09870	8.10864	8.11837	8.12788	8.13719	
10	8.08868	8.09886	8.10681	8.11853	8.12804	8.13735	50
	8.08886	8.09903	8.10897	8.11869	8,12820	8.13750	49
12	8.08903	8.09920	8.10914	8.11885	8.12836	8.13765	48
13	8.08920	8.09937	8.10930	8.11901	8.12851	8.13781	47
14	8.08937	8.09958	8.10946	8.11917	8.12867	8.13796	
15 16	8.08954 8.08971	8.09970 8.09987	8.10963 8.10979	8.11933 8.11949	8.12882	8.13811 8.13827	45
17	8.08988	8.10004	8.10995	8.11965	8.12914	8.13842	43
îŝ	8.09006	8.10020	8.11012	8.11981	8.12929	8.13857	42
19	8.09023	8.10037	8.11028	8.11997	8.12945	8.18878	41
20	8.09040	8.10054	8.11044	8.12018	8.12961	8.12888	40
21	8.09057	8.10070	8.11061	8.12029	8.12976	8.13903	39
22	8.09074	8.10067	8.11077	8.12045	8.12992	8.13919	38
a	8.09091	8.10104	8.11098	8.12061	8.13007	8.13934	37
	8.09108 8.09125	8.10120 8.10127	8.11110 8.11126	8.12077 8.12093	8.13023 8.13039	8.13949	36 35
	8.09142	8.10154	8.11142	8.12109	8.13054	8.13964 8.13980	32
	8.09159	8.10170	8.11159	8.12125	8.12070	8.13995	22
28	8.09176	8.10187	8.11175	8.12141	8.13085	8.14010	32
	8.09193	8.10204	8.11191	8.12157	8.13101	8.14025	31
30	8.09210	8.10220	8.11207	8.12172	8.18117	8.14041	30
	17′	16′	15'	14'	1 3 ′	12'	**

"	42'	43′	44'	45'	46′	47'	"
0	8.08700	8.09722	8.10720	8.11696	8.12651	8.13585	60
	8.08717 8.08734	8.09739 8.09755	8.10737 8.10758	8.11712	8.12667 8.12682	8.13601 8.13616	59 58
	8.08751	8.09772	8.10770	8.11745	8.12698	8.13631	57
	8.08769	8.09789	8.10786	8.11761	8.12714	8.13647	56
	8.08786	8.09806	8.10802	8.11777	8.12730	8.13662	
	8.06803 8.06820	8.09823	8.10819 8.10835	8.11793	8.12745	8.13677 8.13693	54 58
	8.08837	8.09856	8.10852	8.11825	8.12777	8.13708	52
	8.08855	8.09873	8.10868	8.11841	8.12792	8.13724	51
10	8.08872	8.09890	8.10684	8.11857	8.12808	8.13729	50
111	8.08889	8.09907	8.10901	8.11873	8.12824	8.13754	49
	8.08906	8.09923	8.10917	8.11889	8.12839	8.13770	
H 1	8.08923	8.09940	8.10934	8.11905	8.12855	8.13785	47
	8.08940	8.09957 8.09974	8.10950 8.10966	8.11921 8.11937	8.12871 8.12886	8.13800 8.13816	
	8.08957 8.08975	8.09990	8.10983	8.11957	8.12880	8.13810	44
	8.08992	8.10007	8.10999	8.11969	8.12918	8.13846	43
	8.09009	8.10024	8.11015	8.11985	8.12933	8.13861	42
19	8.09026	8.10040	8.11032	8.12001	8.12949	8.13877	41
20	8.09048	8.10057	8.11048	8.12017	8.12965	8.13892	40
21	8.09060	8.10074	8.11064	8.12033	8.12980	8.13907	39
	8.09077	8.10091	8.11081	8.12049	8.12996	8.13923	
	8.09094	8.10107	8.11097	8.12065	8.13011	8.13938	
24 25	8.09111 8.09128	8.10124 8.10141	8.11113	8.12081 8.12097	8.12027	8.13963 8.13968	
	8.09128	8.10157	8.11146	8.12091	8.13043	8.13968	
	8.09162	8.10174	8.11162	8.12129	8.13074	8.13999	33
28	8.09180	8.10191	8.11178	8.12144	8.13089	8.14014	
29	8.09197	8.10207	8.11195	8.12160	8.13105	8.14029	31
30	8.09214	8.10224	8.11211	8.12176	8.13121	8.14045	30
"	17'	16'	15'	14'	13′	12′	"

cotg 89º

*	42′	43′	44'	45′	46′	47'	"
30	8.09210	8.10220	8.11207	8.12172	8.18117	8.14041	30
31	8.09227 8.09244	8.10237	8.11224	8.12188	8.18182	8.14056	29
82 83	8.09261	8.10254 8.10270	8.11240 8.11256	8.12204 8.12220	8.18148 8.13163	8.14071 8.14086	28 27
	8.09278	8.10287	8.11272	8.12236	8.13179	8.14101	26
35 36	8.09295 8.09312	8.10303 8.10320	8.11289 8.11305	8.12252 8.12268	8.13194 8.13210	8.14117 8.14132	25 24
	8.09329	8.10337	8.11321	8.12284	8.13225	8.14147	23
38 29	8.09346 8.09363	8.10353 8.10370	8.11337 8.11354	8.12300 8.12315	8.13241 8.13256	8.14162 8.14178	22 21
40	8.09380	8.10386	8.11370	8.12331	8.13272	8.14193	20
41 42	8.09397 8.09414	8.10403	8.11386 8.11402	8.12347 8.12363	8.13287 8.13303	8.14206 8.14228	19 18
43	8.09431	8.10420 8.10436	8.11418	8.12379	8.13318	8.14238	17
	8.09448	8.10458	8.11435	8.12395	8.13334	8.14253	
45 46	8.09465 8.09482	8.10469 8.10486	8.11451 8.11467	8.12410 8.12426	8.13349 8.18365	8.14269 8.14284	15 14
	8.09499	8.10502	8.11483	8.12442	8.13380	8.14299	13
48 49	8.09516 8.09533	8.10519 8.10535	8.11499 8.11515	8.12458 8.12474	8.13396 8.13411	8.14814 8.14329	12 11
50	8.09550	8.10552	8.11531	8.12489	8.13427	8.14344	10
51	8.09567	8.10568	8.11548	8.12503	8.18442	8.14359	
52 53	8.09583 8.09600	8.10585 8.10601	8.11564 8.11580	8.12521 8.12537	8.13458 8.13473	8.14375 8.14390	8 7
	8.09617	8.10618	8.11596	8.12553	8.13489	8.14405	6
55 56	8.09634 8.09651	8.10634 8.10651	8.11612 8.11628	8.12568 8.12584	8.13504 8.13519	8.14420 8.14435	5 4
57	8.09668	8.10667	8.11644	8.12600	8.13535	8.14450	3
	8.09685 8.09701	8.10684 8.10700	8.11660 8.11677	8.12616 8.12631	8.13550 8.13566	8.14465 8.14480	2
H	8.09718	8.10717	8.11693	8.12647	8.13581	8.14495	0
"	17'	16'	15'	14'	13'	12'	"

"	42'	43'	44'	45'	46'	47'	"
30	8.09214	8.10224	8.11211	8.12176	8.13121	8.14045	20
	8.09231 8.09248	8.10240	8.11227	8.12192	8.13136	8.14060 8.14075	29 28
32 33	8.09265	8.10274	8.11260	8.12224	8.13167	8.14090	27
34 35	8.09282 8.09299	8.10290 8.10307	8.11276 8.11292	8.12240 8.12256	8.13183 8.12198	8.14106 8.14121	26 25
36	8.09316	8.10324	8.11309	8.12272	8.13214	8.14186	24 28
38	8.09333 8.09350 8.09367	8.10340 8.10357 8.10373	8.11325 8.11341 8.11357	8.12288 8.12303 8.12319	8.13229 8.13245 8.13260	8.14151 8.14166 8.14182	22 21
40	8.09384	8.10390	8.11873	8.12335	8.18276	8.14197	20
41 42	8.09401 8.09418	8.10407 8.10423	8.11390 8.11406	8.12851 8.12867	8.13291 8.13307	8.14212 8.14227	19 18
	8.09435 8.09452	8.10440 8.10456	8.11422 8.11438	8.12383 8.12398	8.13322 8.13338	8.14242 8.14258	17 16
45	8.09468 8.09485	8.10473 8.10489	8.11454 8.11471	8.12414 8.12430	8.13353 8.13369	8.14273 8.14288	15 14
47	8.09502	8.10506	8.11487	8.12446	8.13384	8.14303	13
48 49	8.09519 8.09 53 6	8.10522 8.10539	8.11503 8.11519	8.12462 8.12478	8.13400 8.13415	8.14318 8.14333	12 11
50	8.09553	8.10555	8.11535	8.12498	8.13431	8.14348	10
	8.09570	8.10572	8.11551	8.12509	8.18446	8.14364	9
	8.09587 8.09604	8.10588 8.10605	8.11567 8.11584	8.12525 8.12541	8.13462 8.13477	8.14379 8.14394	8
	8.09621 8.09637	8.10621 8.10638	8.11600 8.11616	8.12556 8.12572	8.13493 8.13508	8.14409 8.14424	6
56	8.09654	8.10654	8.11632	8.12588	8.13523	8.14439	4
	8.09671 8.09688	8.10671 8.10687	8.11648 8.11664	8.12604 8.12620	8.18589 8.18554	8.14454 8.14469	8 2
	8.09705	8.10704	8.11680	8.12635	8.18570 8.18585	8.14484	1
7		16'					"
	17'	10	15'	14'	13′	12′	

_							
"	48′	49′	50′	51'	52 ′	53'	"
0	8.14495	8.15 39 1	8.16268	8.17128	8.17971	8.18798	60
	8.14510	8.15406	8.16283	8.17142	8.17985	8.18812	59
	8.14525	8.15420	8.16297	8.17156	8.17999	8.18826	58
	8.14541	8.15485	8.16311	8.17171	8.18018	8.18839	
4	8.14556	8.15450	8.16826	8.17185	8.18027	8.18853	
	8.14571 8.14586	8.15465 8.15479	8.16340 8.16355	8.17199 8.17213	8.18041	8.18867	55
_					8.18055	8.18880	1
	8.14601 8.14616	8.15494	8.16369	8.17227	8.18069	8.18894	
	8.14631	8.15509 8.15523	8.16394 8.16398	8.17241 8.17256	8.18082 8.18096	8.18908	
	0.14031	0.10523	0.10398	0.11200	8.10090	8.18921	51
10	8.14646	8.15538	8.16413	8.17270	8.18110	8.18935	50
11	8.14661	8.15553	8.16427	8.17284	8.18124	8.18948	49
	8.14676	8.15568	8.16441	8.17298	8.18138	8.18962	
13	8.14691	8.15582	8.16456	8.17312	8.18152	8.18976	
14	8.14706	8.15597	8.16470	8.17326	8.18166	8.18989	46
15	8.14721	8.15612	8.16485	8.17340	8.18180	8.19003	
16	8.14736	8.15626	8.16499	8.17355	8.18193	8.19016	44
17	8.14751	8.15641	8.16513	8.17369	8.18207	8.19030	43
	8.14766	8.15656	8.16528	8.17383	8.18221	8.19044	
19	8.14781	8.15670	8.16542	8.17397	8.18235	8.19057	41
20	8.14796	8.15685	8.16557	8.17411	8.18249	8.19071	40
21	8.14811	8.15700	8.16571	8.17425	8, 18263	8.19084	39
	8.14826	8.15714	8.16585	8.17439	8.18276	8.19098	
23	8.14841	8.15729	8.16600	8.17453	8.18290	8.19111	37
	8.14856	8.15744	8.16614	8.17467	8.18304	8.19125	36
	8.14871	8.15758	8.16628	8.17481	8.18318	8.19139	35
	8.14896	8.15773	8.16643	8.17495	8.18332	8.19152	34
	8.14901	8.15788	8.16657	8.17510	8.18345	8.19166	33
	8.14915	8.15802	8.16672	8.17524	8.18359	8.19179	32
	8.14930	8.15817	8.16686	8.17538	8.18373	8.19193	31
30	8.14945	8.15832	8.16700	8.17552	8.18387	8.19206	30
"	11'	10'	9′	8′	7'	6′	"

"		1					"
	48′	49'	50'	51'	52 ′	53'	_
0	8.14500	8.15396	8.16278	8.17188	8.17976	8.18804	60
	8.14515 8.14530	8.15410 8.15425	8.16287 8.16302	8.17147 8.17161	8.17990 8.18004	8.18817 8.18831	59 58
	8.14545	8.15439	8.16316	8.17175	8.18018	8.18845	57
4		8.15454	8.16331	8.17190	8.18032	8.18858	
5	8.14575 8.14590	8.15469 8.15484	8.16345 8.16359	8.17204 8.17218	8.18046 8.18060	8.18872 8.18886	
7		8.15498	8.16374	8.17232	8.18074	8.18899	
	8.14620	8.15513	8.16388	8.17246	8.18087	8.18913	52
9	8.14685	8.15528	8.16403	8.17260	8.18101	8.18926	51
10	8.14650	8.15543	8.16417	8.17275	8.18115	8.18940	50
	8.14665	8.15557	8.16432	8.17289	8.18129	8.18954	49
	8.14690 8.14695	8.15572 8.15587	8.1 64 46 8.1 64 60	8.17308 8.17317	8.18143 8.18157	8.18967 8.18981	48 47
	8.14710	8.15602	8.16475	8.17281	8.18171	8.18994	46
15	8.14725	8.15616	8.16489	8.17845	8.18185	8.19008	45
	8.14740	8.15681	8.16504	8.17359	8.18198	8.19022	1
	8.14755 8.14770	8.15646 8.15660	8.16518 8.16533	8.17373 8.17388	8.18212 8.18226	8.19085 8.19049	43 42
	8.14785	8.15675	8.16547	8.17402	8.18240	8.19062	
20	8.14800	8.15690	8.16561	8.17416	8.18254	8.19076	40
	8.14815	8.15704	8.16576	8.17430	8.18268	8.19090	
	8.148 3 0 8.14845	8.15719 8.15724	8.16590 8.16604	8.17444 8.17458	8.18281 8.18295	8.19103 8.19117	38 37
R I	8.14860	8.15748	8.16619	8.17472	8.18209	8.19180	
25	8.14875	8.15763	8.16633	8.17486	8.18323	8.19144	35
	8.14890	8.15778	8.16647	8.17500	8.18337	8.19157	84
	8.14905 8.14920	8.15792 8.15807	8.16662 8.16676	8.17514 8.17528	8.18851 8.18364	8.19171 8.19184	33 32
29	8.14925	8.15822	8.16691	8.17543	8.18378	8.19198	81
30	8.14950	8.15836	8.16705	8.17557	8.18392	8.19211	30
~	11'	10'	9′	8′	7'	6'	"

"	48'	49'	50'	51'	52′	53′	"
30	8.14945	8.15832	8.16700	8.17552	8.18387	8.19206	30
31 32	8.14960 8.14975	8.15846 8.15861	8.16715 8.16729	8.17566 8.17580	8.18401 8.18414	8.19220 8.19233	29 28
	8.14990	8.15875	8.16743	8.17594	8.18428	8.19247	27
	8.15005 8.15020	8.15890 8.15905	8.16757 8.16772	8.17608 8.17622	8.18442 8.18456	8.19260 8.19274	26 25
36	8.15035	8.15919	8.16786	8.17636	8.18469	8.19287	24
37 38	8.15050 8.15065	8.15934 8.15948	8.16800 8.16815	8.17650 8.17664	8.18483 8.18497	8.19301 8.19314	23 22
	8.15079	8.15963	8.16829	8.17678	8.18511	8.19328	21
40	8.15094	8.15978	8.16843	8.17692	8.18524	8.19341	20
41	8.15109	8.15992	8.16858	8.17706	8.18538	8.19355	19
	8.15124 8.151 3 9	8.16007 8.16021	8.16872 8.16886	8.17720 8.17734	8.18552 8.18566	8.19368 8.19382	18 17
	8.15154	8.16036	8.16900	8.17748	8.18579	8.19395	16
45 46	8.15169 8.15183	8.16050 8.16065	8.16915 8.16929	8.17762 8.17776	8.18593 8.18607	8.19409 8.19422	15 14
	8.15198	8.16079	8.16943	8.17790	8.18621 8.18634	8.19436 8.19449	13 12
	8.15213 8.15228	8.16094 8.16109	8.16957 8.16972	8.17804 8.17818	8.18648	8.19463	ii
50	8.15243	8.16123	8.16986	8.17832	8.18662	8.19476	10
	8.15258	8.16138	8.17000	8.17846	8.18675	8.19489	9
52 53	8.15272 8.15287	8.16152 8.16167	8.17014 8.17029	8.17860 8.17874	8.18689 8.18703	8.19503 8.19516	8
54	8.15 3 02	8.16181	8.17043	8.17888	8.18716	8.19530	
55 56	8.15317 8.153 3 2	8.16196 8.16210	8.17057 8.17071	8.17902 8.17916	8.18730 8.18744	8.19543 8.19557	5 4
57	8.15346	8.16225	8.17085	8.17930	8.18757	8.19570	3 2
58 59	8.15361 8.15376	8.16239 8.16254	8.17100 8.17114	8.17943 8.17957	8:18771 8:18785	8.1958 3 8.19597	1
60	8. 153 91	8.16268	8.17128	8.17971	8.18798	8.19610	0
"	11'	10'	9′	8′	7'	6'	"

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	48'	49′	50 ′	51'	52 ′	53'	″
30	8.14950	8.15836	8.16705	8.17557	8.18392	8.19211	30
31	8.14965	8.15851	8.16719	8.17571	8.18406	8.19225	29
32 33	8.14980 8.14994	8.15865	8.16734	8.17585	8.18419	8.19239	28
34	8.15009	8.15880 8.15895	8.16748 8.16762	8.17599 8.17613	8.18433 8.18447	8.19252 8.19266	27 26
35	8.15024	8.15909	8.16776	8.17627	8.18461	8.19279	
	8.15039	8.15924	8.16791	8.17641	8.18475	8.19293	24
	8.15054	8.15938	8.16805	8.17655	8.18488	8.19306	23
38 39	8.15069 8.15084	8.15953 8.15968	8.16819 8.16834	8.17669 8.17683	8.18502 8.18516	8.19320 8.19333	22 21
39	0.13001	8.13500	0.10095	0.11009	9.10010	6.19555	21
40	8.15099	8.15982	8.16848	8.17697	8.18530	8.19347	20
41	8.15114	8.15997	8.16862	8.17711	8.18543	8.19360	19
42	8.15128	8.16011	8.16877	8.17725	8.18557	8.19374	18
1	8.15143	8.16026	8.16891	8.17739	8.18571	8.19387	17 16
44 45	8.15158 8.15173	8.16040 8.16055	8.16905 8.16919	8.17753	8.18585 8.18598	8.19401 8.19414	15
	8.15188	8.16070	8.16934	8.17781	8.18612	8.19427	14
47	8.15203	8.16084	8.16948	8.17795	8.18626	8.19441	13
	8.15218	8.16099	8.16962	8.17809	8.18639	8.19454	12
49	8.15232	8.16113	8.16976	8.17823	8.18653	8.19468	11
50	8.15247	8.16128	8.16991	8.17837	8.18667	8.19481	10
51	8.15262	8.16142	8.17005	8.17851	8.18681	8.19495	9
52	8.15277	8.16157	8.17019	8.17865	8.18694	8.19508	8
	8.15292	8.16171	8.17033	8.17879	8.18708	8.19522	7
54 55	8.15306 8.15321	8.16186 8.16200	8.17048 8.17062	8.17893	8.18722 8.18735	8.19535 8.19548	6 5
	8.15336	8.16215	8.17076	8.17921	8.18749	8.19562	4
57	8.15351	8.16229	8.17090	8.17934	8.18763	8.19575	3
58	8.15366	8.16244	8.17104	8.17948	8.18776	8.19589	2
59	8.15380	8.16258	8.17119	8.17962	8.18790	8.19602	1
_	8.15395	8.16273	8.17133	8.17976	8.18804	8.19616	0
"	11'	10'	9′	8′	7'	6'	

	7						_
	54'	55'	56′	57'	58′	59' .	
0	8.19610	8.20407	8.21189	8.21958	8.22713	8.23456	60
	8.19624	8.20420	8.21202	8.21971	8.22726	8.23468	
2	8.19637 8.19650	8.20433	8.21215	8.21983	8.22738	8.23480	
		8.20146	8.21228	8.21996	8.22751	8.23492	
1 1	8.19664	8.20460 8.20473	8.21241 8.21254	8.22009	8.22763	8.23505	
	8.19677 8.19691	8.20486	8.21267	8.22022	8.22776	8.23517	55 54
	8.19704	8.20499	8.21280	8.22047	8.22801	8.23541	53
	8.19717	8.20512	8.21293	8.22060	8.22813	8.23554	52
	8.19731	8.20525	8.21306	8.22072	8.22826	8.23566	51
						——	
10	8.19744	8.20538	8.21319	8.22085	8.22838	8.23578	50
1	8.19757	8.20552	8.21231	8.22098	8.22850	8,23590	49
12	8.19771	8.20565	8.21344	8.22110	8.228·i3	8.23603	48
	8.19784	8.20578	8.21357	8.22123	8.22875	8.23615	
14	8.19797	8.20591	8.21370	8.22136	8.22888	8.23627	46
	8.19811	8.20604	8.21383	8.22148	8.22900	8.23639	45
16	8.1 9 824	8.20617	8.21396	8.22161	8.22913	8.23652	44
	8.19837	8.20630	8.21409	8.22178	8.22925	8.23664	43
	8.19851	8.20643	8.21422	8.22186	8.22937	8.23676	42
19	8.19864	8.20656	8.21434	8.22199	8.22950	8.23688	41
20	8.19877	8.20669	8.21447	8.22211	8.22962	8.23700	40
21	8.19891	8.20682	8.21460	8.22224	8.22975	8.23713	29
22	8.19904	8.20696	8.21473	8.22237	8.22987	8.23725	38
23	8.19917	8.20709	8.21486	8.22249	8.22999	8.23787	87
	8.19931	8 20722	8.21499	8.22262	8.23012	8.23749	36
25	8.19944	8.20735	8.21511	8.22274	8.23024	8.23761	85
1	8.19957	8.20748	8.21524	8.22287	8.23037	8.23773	
	8.19971	8.20761	8.21537	8.22300	8.23049	8.23786	33
28 29	8.19984	8.20774	8.21550	8.22312	8.23061	8.23798	32
	8.19997	8.20787	8.21563	8.22325	8.23074	8.28810	81
30	8.20010	8.20600	8.21576	8.22337	8.23086	8.23822	30
Ľ	5'	4'	3′	2′	1'	0'	"

"	54'	55'	56′	57'	58'	59'	"
0	8.19616	8.20418	8.21195	8.21964	8.22720	8.23462	60
2	8.19629 8.19642	8.20426 8.20439	8.21206 8.21221	8.21977 8.21989	8.22732 8.22744	8.23474 8.23487	59 58
	8.19656 8.19669	8.20452 8.20465	8.21234	8.22002 8.22015	8.22757 8.22769	8.23499 8.23511	57 56
5	8.19683	8.20478	8.21260	8.22028	8.22182	8.23523	55
	8.19696	8.20491	8.21278	8.22040	8.22794	8.23536	54
	8.19709 8.19723	8.20505 8.20518	8.21286 8.21299	8.22058	8.22807 8.22819	8.23548 8.23560	53 52
	8.19736	8.20531	8.21311	8.22078	8.22832	8.23572	
10	8.19749	8.20544	8.21324	8.22091	8.22844	8.23585	50
	8.19763	8.20557	8.21337	8.22104	8.22857	8.23597	49
12	8.19776 8.19789	8.20570 8.20583	8.21350 8.21363	8.22116 8.22129	8.22869 8.22881	8.23609 8.23621	48 47
14	8.19803	8.20596	8.21376	8.22142	8.22894	8.23634	46
	8.19816 8.19830	8.20610 8.20628	8.21389 8.21402	8.22154 8.22167	8.22906 8.22919	8.23646 8.23658	45
	8.19842	8.20636	8.21414	8.22179	8.22931	8.23670	44
18	8.19856	8.20649	8.21427	8.22192	8.22944	8.23682	42
19	8.19870	8.20662	8.21440	8.22205	8.22956	8.23695	41
20	8.19883	8.20675	8.21458	8.22217	8.22968	8.22707	40
	8.19896	8.20688	8.21466	8.22230	8.22981	8.23719	39
22	8.19910 8.19928	8.20701 8.20714	8.21479 8.21492	8.22243	8.22998	8.23731 8.23743	38
24	8.19936	8.20727	8.21504	8.22268	8.23018	8.23756	36
25 26	8.19949 8.19963	8.20740 8.20758	8.21517 8.21530	8.22280	8.23030	8.23768	35
20 27	8.19976	8.20767	8.21543	8.22296	8.23055	8.23780 8.23792	34
28	8.19989	8.20780	8.21556	8.22818	8.23068	8.23804	33 32
29	8.20008	8.20798	8.21569	8.22331	8.23060	8.23816	31
30	0.1-00-0	8.20806	8.21581	8.22343	8.23092	8.23829	30
	5′	4'	3′	2′	1'	6'	"

<u>"</u>	54'	55'	56 ′	57'	5 8′	59′	"
80	8.20010	8.20800	8.21576	8.22337	8.23086	8.23822	30
31 32	8.20024 8.20037	8.20813 8.20826	8.21588	8.22350	8.23098	8.23834 8.23846	29 28
	8.20050	8.20839	8.21601 8.21614	8.22363 8.22375	8.23111	8.23859	
	8.20064	8.20852	8.21627	8.22388	8.23136	8.23871	26
35 36	8.20077	8.20865 8.20878	8.21640 8.21652	8.22400 8.22413	8.23148 8.23160	8.23883 8.23895	25 24
	8.20103	8.20891	8.21665	8.22425	8.23173	8.23907	23
	8.20117 8.20130	8.20904	8.21678 8.21691	8.22438 8.22451	8.23185 8.23197	8.23919 8.23931	22 21
40	8.20143	8.20930	8.21703	8.22463	8.23210	8.23944	20
	8.20156 8.20170	8.20943 8.20956	8.21716 8.21729	8.22476 8.22488	8.23222 8.23234	8.23956 8.23968	
	8.20183	8.20969	8.21742	8.22501	8.23247	8.23980	
44	8.20196	8.20982	8.21754	8.22513	8.23259	8.23992	
45 46	8.20209 8.20222	8.20995 8.21008	8.21767 8.21780	8.22526 8.22538	8.23271	8.24004 8.24016	
47	8.20236	8.21021	8.21793	8.22551	8.23296	8.24028	13
48 49	8.20249 8.20262	8.21034 8.21047	8.21805 8.21818	8.22563 8.22576	8.23308	8.24041 8.24053	12 11
	8.20275	8.21060	8.21831	8.22589	8.23333	8.24065	10
51 52	8.20288	8.21073 8.21086	8.21844 8.21856	8.22601 8.22613	8.23345 8.23357	8.24077 8.24089	9
58	8.20315	8.21099	8.21869	8.22626	8.23370	8.24101	7
54 55	8.20328 8.20341	8.21112 8.21125	8.21882	8.22638 8.22651	8.23382 8.23394	8.24113 8.24125	6
	8.20354	8.21138	8.21907	8.22663	8.23407	8.24187	4
	8.20368 8.20381	8.21151 8.21164	8.21920 8.21933	8.22676 8.22688	8.28419	8.24149	
	8.20394	8.21104	8.21933 8.21945	8.22701	8.23431 8.23443	8.24161 8.24173	2
60	8.20407	8.21189	8.21958	8.22713	8.23456	8.24186	0
"	5′	4'	3′	2′	l'	0'	"

	54'	5 5′	56'	57'	5 8′	59 ′	
30	8.20016	8.20806	8.21581	8.22343	8.23092	8.23829	30
	8.20029	8.20819	8.21594	8.22356	8.23105	8.23841	29
	8.20042	8.20832	8.21607	8.22369	8.23117	8.23853	28
	8.20056	8.20845	8.21620	8.22381	8.23130	8.23865	27
	8.20069 8.20082	8.20858 8.20871	8.21633	8.22394	8.23142	8.23877	26
	8.20096	8.20884	8.21645 8.21658	8.22406 8.22419	8.23154 8.23167	8.23889	25
	8.20109	8.20897	8.21671	8.22431	8.23179	8.23914	
	8.20122	8.20910	8.21684	8.22444	8.23191	8.23914	23 22
	8.20135	8.209234		8.22457	8.23204	8.23938	21
							I I
40	8.20149	8.20936	8.21709	8.22469	8.23216	8.23950	20
41	8.20162	8,20949	8.21722	8,22482	8.23228	8.23962	19
	8.20175	8.20962	8.21735	8.22494	8.23241	8.23974	18
	8.20188	8.20975	8.21748	8.22507	8.23253	8.23987	i7
44	8.20201	8.20988	8.21760	8.22519	8.23265	8.23999	16
	8.20215	8.21001	8.21773	8.22532	8.23278	8.24011	15
46	8.20228	8.21014	8.21786	8.22544	8.23290	8.24023	14
	8.20241	8.21027	8.21799	8.22557	8.23302	8.24035	13
	8.20254	8.21040	8.21811	8.22569	8.23315	8.24047	12
49	8.20268	8.21053	8.21824	8.22582	8.23327	8.24059	11
50	8.20281	8.21066	8.21837	8.22595	8.23339	8.24071	10
51	8.20294	8.21079	8.21850	8,22607	8.23352	8.24063	9
52	8.20307	8.21092	8.21862	8.22620	8.23364	8.24096	8
	8.20320	8.21105	8.21875	8.22632	8.23376	8.24108	1 7
	8.20334	8.21118	8.21888	8.22645	8.23388	8.24120	6
	8.20347	8.21131	8.21901	8.22657	8.23401	8.24132	5
1 00	8.20360	8.21144	8.21913	8.22670	8.23413	8.24144	4
57	8.20373	8.21156	8.21926	8.22682	8.23425	8.24156	3
	8.20386 8.20399	8.21169 8.21182	8.21939 8.21951	8.22695	8.23438 8.23450	8.24168 8.24180	2
1 00 1							1
60	8.20418	8.21195	8.21964	8.22720	8.23462	8.24192	0
"	5'	4′	3′	2′	l'	0'	"
_							_

"	0'	l'	2′	3′	4'	5′	"
0	8.24186	8.24903	8.25609	8.26304	8.26968	8.27661	60
		8.34915	8.25621	8.26316	8.26999	8.27672	59
	8.24210 8.24222	8.24927	8.25633 8.25644	8.26327 8.26329	8.27011 8.27022	8.27684 8.27695	58 57
	8.24234	8.24951	8.25656	8.26350	8.27033	8.27706	56
	8.24246 8.24258	8.24963 8.24974	8.25668	8.26362	8.27045	8.27717	55 54
	8.24270	8.24986	8.25691	8.26385	8.27067	8.27739	53
	8.24232	8.24998	8.25702	8.26396	8.27078	8.27750	52
9	8.24294	8.25010	8.25714	8.26408	8.27090	8.27761	51
10	8.24306	8.25022	8.25726	8.26419	8.27101	8.27778	50
	8.24318	8.25034	8.25738	8.26430	8.27112	8.27784	49
	8.24330 8.24342	8.25045 8.25057	8.25749	8.26442 8.26453	8.27124 8.27135	8.27795 8.27806	48 47
	8.24354	8.25069	8.25773	8.26465	8.27146	8.27817	46
	8.24366 8.24378	8.25061	8.25784 8.25796	8.26476 8.26488	8.27157	8.27828 8.27839	45 44
	8.24390	8.25105	8.25807	8.26499	8.27190	8.27850	43
18	8.24402	8.25116	8.25819	8.26511	8.27191	8.27861	42
19	8.24414	8.25128	8.25831	8.26522	8.21202	8.27872	41
20	8.24426	8.25140	8.25842	8.26533	8.27214	8.27888	40
21	8.24438	8.25152	8.25854	8.26545	8.27225	8.27895	39
	8.24450	8.25164	8.25865	8.26556	8.27236	8.27906	38 37
23 24	8.24462 8.24474	8.25175	8.25877	8.26568 8.26579	8.27247	8.27917 8.27928	26
25	8.24486	8.25199	8.25900	8.26590	8.27270	8.27939	35
1	8.24498	8.25211	8.25912	8.26602	8.27281	8.27950	34
	8.24510 8.24522	8.25222 8.25234	8.25923 8.25935	8.26613	8.27292 8.27204	8.27961 8.27972	33 32
	8.24534	8.25246	8.25941	8.26636 8.26636	8.27815	8.27983	31
30	8.24546	8.25258	8.25958	8.26648	8.27326	8.27994	30
	59'	58'	57'	56'	55'	54'	"

"	ø′	1'	2′	3′	4'	5′	~
0	8.24192	8.24910	8.25616	8.26312	8.26996	8.27669	60
1	8.24204 8.24216	8.24922 8.24934	8.25628 8.25640	8.26323 8.26335	8.27007	8.27690	
3	d.24228	8.24946	8.25652	8.26346	8.27018 8.27030	8.27691 8.27703	58 57
4	8.24240 8.24252	8.24958 8.24969	8.25663 8.25675	8.26357 8.26369	8.27041 8.27052	8.27714	56
	8.24264	8.24981	8.25686	8.26380	8.27063	8.27725 8.27736	
	8.24217 8.24289	8.24993 8.25005	8.25698 8.25710	8.26392 8.26403	8.27075 8.27086	8.27747	53
	8.24301	8.25017	8.25721	8.26415	8.27097	8.27758 8.277 69	52 51
10	8.24313	8.25029	8.25783	8.26426	8.27109	8.27780	50
	8.24325	8.25041	8.25745	8.26438	8.27120	8.27791	49
12 13	8.24337 8.24349	8.25052 8.25064	8.25756 8.25768	8.26419 8.26461	8.27131 8.27142	8.27803 8.27814	
14	8.24361	8.25076	8.25780	8.26472	8.27154	8.27825	46
	8.24373 8.24385	8.25088 8.25100	8.25791 8.25803	8.26484 8.26495	8.27165 8.27176	8.27836 8.27847	45
17	8.24397	8.25111	8.25815	8.26506	8.27188	8.27858	43
18 19	8.24409 8.24421	8.25123 8.25125	8.25826 8.25838	8.26518 8.26529	8.27199 8.27210	8.27869 8.27880	
20	8.24433	8.25147	8.25849	8.26541	8.27221	8.27891	40
21	8.24445	8.25159	8.25861	8.26552	8.27233	8.27902	29
22 23	8.24457 8.24469	8.25170 8.25182	8.25873 8.25884	8.26564 8.26575	8.27244 8.27255	8.27913 8.27925	38
24	8.24481	8.25194	8.25896	8.26586	8.27266	8.27936	36
25 26	8.24493 8.24505	8.25206 8.25218	8.25907 8.25919	8.26598 8.26609	8.27278 8.27289	8.27947 8.27958	35 34
27	8.24517	8.25229	8.25931	8.26621	8.27300	8.27969	33
	8.24529 8.24541	8.25241	8.25942 8.25954	8.26632 8.26644	8.27311 8.27322	8.27980 8.27991	32
	8.24553	8.25265	8.25965	8.26655	8.27834	8.28002	31 30
*	59 ′	58′	57'	56'	55'	54'	"

	0'	l'	2′	3′	4'	5'	
30	8.74546	8.25258	8.25958	8.26648	8.27326	8.27994	30
31	8.24558	8.25270	8.25970	8.26659	8.27337	8.28005	29
32	8.24570	8.25281	8.25981	8.26670	8.27348	8.28016	28
33	8.24582	8.25298	8.25993	8.26682	8.27360	8.28027	27
34	8.24594	8.25305	8.26005	8.26693	8.27371	8.28038	26
	8.24606	8.25317	8.26016	8.26704	8.27382	8.28049	25
36	8.24618	8.25328	8.26028	8.26716	8.27393	8.28060	24
37	8.24630	8.25340	8.26039	8.26727	8.27405	8.28071	23
	8.24642	8.25352	8.26051	8.26739	8.27416	8.28082	22
89	8.24653	8.25364	8.26062	8.26750	8.27427	8.28093	21
40	8.24665	8.25875	8.26074	8.26761	8.27438	8.28104	20
41	8.24677	8,25387	8.26085	8.26773	8.27449	8.28115	19
42	8.24689	8.25399	8.26097	8.26784	8.27460	8.28127	1 18
	8.24701	8.25411	8.26108	8.26795	8.27472	8.28138	17
44	8.24713	8.25122	8.26120	8.26807	8.27483	8.28149	
45	8.24725	8.25434	8.26132	3.26818	8.27494	8.28160	
46	8.24737	8.25446	8.26143	×.26829	8.27505	8.28171	l 14 l
47	8.24749	8.25457	8.26155	8.26841	8.27516	8.28182	13
48	3.24761	8.25469	8.26166	8.26852	8.27528	8.28193	1 1
49	8.24773	8.25481	8.26178	8.26864	8.27539	8.28204	1 1
50	8.24785	8.25493	8.26189	8.26875	8.27550	8.28215	10
51	8.24796	8.25504	8.26201	8.26886	8.27561	8.28226	9
	8.24808	8.25516	8.26212	8.26898	8.27572	8.28237	8
53	8.24820	8.25528	8.26224	8.26909	8.27583	8.28248	
54	8.24832	8.25539	8.26235	8.26920	8.27595	8.28258	1
55	8.24844	8.25551	8.26247	8.26932	8.27606	8.28269	
	8.24856	8.25563	8.26258	8.26943	8.27617	8.28280	
57	8.24868	8.25574	8.26270	8.26954	8.27628	8.28291	3
58	8.24880	8.25586	8.26281	8.26965	8.27639	8.28302	1 2
59	8.24891	8.25598	8.26293	8.26977	8.27650	8.28313	līl
60	8.24908	8.25609	8.26304	8.26988	8.27661	8.28324	0
Ľ	59'	58'	57'	56'	55'	54'	"

cos 88º

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	0′	1'	2′	3′	4'	5'	"
30	8.24553	8.25265	8.25965	8.26655	8.27834	8.28002	30
31	8.24565	8.25277	8.25977	8.26666	8.27345	8.28013	29
32 33	8.24577 8.24589	8.25288 8.25800	8.25989 8.26000	8.26678 8.26689	8.27356 8.27367	8.28024	28
	8.24600	8.25312	8.26012	8.26701	8.27379	8.28035	27
34 35	8.24612	8.25324	8.26023	8.26712	8.27390	8.28046 8.28057	26 25
	8.24624	8.25335	8.26035	8.26723	8.27401	8.28068	24
37	8.24636	8.25347	8.26046	8.26785	8.27412	8.28079	23
	8.24648	8.25359	8.26058	8.26746	8.27423	8.28090	
89	8. 246 60	8.25371	8.26070	8.26757	8.27435	8.28101	21
40	8.24672	8.25882	8.26081	8.26769	8.27446	8.28112	20
41	8.24684	8.25394	8.26093	8.26780	8.27457	8.28123	19
	8.24696	8.25406	8.26104	8.26792	8.27468	8.28134	18
43	8.24708	8.25418	8.26116	8.26803	8.27479	8.28145	17
44	8.24720	8.25429	8.26127	8.26814	8.27491	8.28156	16
45	8.24732	8.25441	8.26139	8.26826	8.27502	8.28167	15
	8.24744	8.25453	8.26150	8.26837	8.27513	8.28178	14
47	8.24756	8.25464 8.25476	8.26162	8.26848	8.27524	8.28190	13
48 49	3.24767 8.24779	8.25488	8.26173 8.26185	8.26860 8.26871	8.27535 8.27546	8.28201 8.28212	12
33	0.27113		0.20100		0.21010	0.20212	11
50	8.24791	8.25500	8.26196	8.26882	8.27558	8.28223	10
51	8.24803	8.25511	8.26206	8.26894	8.27569	8.28234	9
	8.24815	8.25523	8.26219	8.26905	8.27580	8.28244	8
53	8.24827	8.25535	8.26231	8.26916	8.27591	8.28255	7
54	8.24839	8.25546	8.26243	8.26928	8.27602	8.28266	6
55	8.24851 8.24863	8.25558 8.25570	8.26254	8.26939	8.27618	8.28277	5
56			8.26266	8.26950	8.27625	8.28288	4
57 58	8.24875 8.24886	8.25581 8.25592	8.26277 8.26289	8.26962 8.26973	8.27636 8.27647	8.28299 8.28310	8
59	8.24898	8.25605	8.26200	8.26984	8.27658	8.28321	2
	8.24910	8.25616	8.26312	8.26996	8.27669	8.28332	ò
~	59′	58′	57'	56'	55'	54'	"

″	6′	7'	8′	9′	10'	11'	"
0	8.28324	8.28977	8.29621	8.30255	8.30879	8.31495	60
1	8.28335	8.28988	8.29631	8.30265	8.30890	8.31506	59
	8,28346	8.28999	8.29642	8.30276	8.30900	8.31516	58
3	8.28357	8.29010	8.29658	8.30286	8.30910	8.31526	57
	8.28368	8.29021	8.29663	8.30297	8.30921	8.31536	56
	8.28379	8.29031	8.29674	8.30307	8.30931	8.31546	55
	8.28390	8.29042	8.29684	8.30317	8.30941	8.31556	54
	8.28401	8.29053	8.29695	8.30328	8.30952	8.31567	53
	8.28412	8.29064	8.29706	8.30338	8.30962	8.81577	52
9	8.28423	8.29074	8.29716	8.30349	8.30972	8.31587	51
10	8.28434	8.29085	8.29727	8.30359	8.30983	8.31597	50
11	8.28445	8,29096	8,29738	8.30370	8,30993	8.31607	49
	8.28456	8.29107	8.29748	8.30380	8.31003	8.31618	48
	8.28467	8.29118	8.29759	8.30391	8.81014	8.31628	47
14	8.28478	8.29128	8.29769	8.20401	8.31024	8.31638	46
	8.28489	8.29139	8.29780	8.30412	8.31034	8.31648	45
16	8.28499	8.29150	8.29791	8.30422	8.31045	8.31658	44
17	8.28510	8.29161	8.29801	8.30433	8.31055	8.31668	43
18	8.28521	8.29171	8.29812	8.30443	8.81065	8.31678	42
19	8.28532	8.29182	8.29822	8.80453	8.31075	8.31689	41
20	8.28543	8.29193	8.29833	8.30464	8.31086	8.31699	40
21	8.28554	8.29204	8.29844	8.30474	8.31096	8.21709	39
22	8.28565	8.29214	8.29854	8.30485	8.31106	8.31719	38
	8.28576	8.29225	8.29865	8.30495	8.31117	8.81729	37
24	8.28587	8,29236	8.29875	8.30506	8.31127	8.81739	36
	8.28598	8.29247	8.29886	8.30516	8.31137	8.81749	
26	8.28609	8.29257	8.29897	8.30526	8.31147	8.31760	84
	8.28619	8.29268	8.29907	8.30537	8.31158	8.31770	33
	8.28680	8.29279	8.29918	8.30547	8.31168	8.31780	32
	8.28641	8.29289	8.29928	8.30558	8.31178	8.31790	81
30	8.28652	8.29300	8.29939	8.30568	8.31188	8.31800	30
"	53'	52 ′	51'	50'	49'	48'	"

cos 880

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"	6′	7'	8′	9′	10'	11'	
0	8.28332	8.28986	8.29629	8.30268	8.30688	8.31505	60
	8.28343	8.28996	8.29640	8.30274	8.30899	8.31515	59
	8.28354 8.28365	8.29007 8.29018	8.29650 8.29661	8.30284 8.30295	8.80909	8.31525 8.31535	58 57
4	8.28376	8.29029	6.29672	8.20805	8.30930	8.31545	56
3	8.28387	8.29040	8.29682	8.80616	8.30940	8.31556	55
6	8.28398	8.29050	8.29693	8.30326	8.80950	8.31566	54
7	8.28409	8.29061	8.29704	8.30837	8.30961	8.81576	53
	8.28420 8.28431	8.29072 8.29633	8.29714 8.29725	8.30347	8.30971 8.30981	8.31586 8.31596	52
9	0.20131	0.25009	6.23.20	0.00000	0.50001	6.01030	51
10	8.28142	8.29094	8.29736	8.30666	8.80992	8.31606	50
ш	8.28453	8.29104	8.29746	8.80679	8.21002	8.31617	49
12	8.28464	8.29115	8.29757	8.30889	8.81012	8.31627	48
13	8.28475	8.29126	8.29767	8.30400	8.31623	8.31637	47
14	8.28486 8.28497	8.29137 8.29147	8.29778	8.30410 8.30420	8.31033	8.31647	
15	8.28508	8.29158	8.29799	8.89431	8.31054	8.21667	45
	8.28518	8.29169	8.29610	8.80441	8.31064	8.21678	1
	8.28529	8.29180	8.29820	8.80452	8.81074	8.31688	
19	8.28540	8.29190	8.29831	8.30462	8.81084	8.81698	41
20	8.28551	8.29201	8.29842	8.30473	8.81095	8.31706	40
21	8.28562	8,29212	8,29652	8.30482	8.31105	8.31718	39
22	8.28573	8.29223	8.29863	8.30494	8.81115	8.31728	
23	8.28584	8.29233	8.29872	8.30504	8.31126	8.31739	1 1
24	8.28595	8.29244	6.29884	8.30514	8.31136	8.31749	
25	8.28606	8.29255	8.29895	8.30525	8.31146	8.31759	. ~ .
26	8.28617	8.29276	8.29916	8.20546	8.81167	8.81779	
27 28	8.28628 8.28628	8.29210	8.29916	8.20556	8.31177	8.31789	
29	8.28640	8.29298	8.29937	8.30567	8.31187	8.31799	
30	8.28660	6.29309	8.29947	8.30577	8.31198	8.31809	30
"	53'	52'	51'	50′	49'	48'	″

"	6′	7'	8′	9′	10'	11'	~
30	8.28652	8.29300	8.29939	8.30568	8.31188	8.81800	30
	8.28663	8.29311	8.29949	8.30579	8.31199	8.31810	
	8.28674 8.28685	8.29322 8.29332	8.29960 8.29970	8.30589 8.30599	8.31209 8.31219	8.31820 8.31830	
34	8.28696	8.29343	8.29981	8.30610	8.31230	8.31841	26
35 36	8.28706 8.28717	8.29354 8.29364	8.29992 8.30002	8.30620 8.30631	8.31240 8.31250	8.31851 8.31861	25 24
37	8.28728	8.29375	8.30013	8.30641	8.31260	8.81871	23
38 39	8.28739 8.28750	8.29386 8.29397	8.30023 8.30034	8.30651 8.30662	8.31271 8.31281	8.81881 8.81891	22 21
40	8.28761	8.29407	8.30044	8.80672	8.81291	8.81901	20
-		8.29418					
41 42	8.28772 8.28782	8.29418	8.30055 8.30065	8.30683	8.81301 8.81311	8.81911	19 18
43	8.28793	8.29439	8.30076	8.30703	8.81322	8.31931	17
44	8.28804	8.29450	8.30066	8.30714	8.81332	8.31942	16
45	8.28815	8.29461	8.30097	8.30724	8.31342	8.31952	15
1 1	8.28826	8.29471	8.30106	8.30734	8.31352	8.31962	14
	8.28837	8.29482 8.29493	8.30118	8.30745	8.31363	8.31972	13
	8.28848 8.28858	8.29503	8.30129 8.30139	8.30755	8.81373	8.31962 8.31992	12 11
7.5		0.2000	0.00100	0.00100	0.01000	0.31382	**
50	8.28869	8.29514	8.30150	8.30776	8.31393	8.32002	10
51	8.28880	8.29525	8.30160	8.30786	8.31404	8.32012	9
	8.28891	8.29535	8.30171	8.30797	8.31414	8.82022	8
	8.28902	8.29546	8.30181	8.30807	8.81424	8.32032	7
	8.28912	8.29557	8.30192	8.30817	8.81434	8.82042	6
	8.28923 8.28934	8.29567 8.29578	8.30202 8.30213	8.30828 8.30838	8.31444 8.31455	8.32052 8.32062	5
	8.28945	8.29589	8.30223	8.30848	8.21465	8.32073	3
58	8.28956	8.29599	8.30234	8.30859	8.31475	8.32083	2
	8.28967	8.29610	8.30244	8.30869	8.31485	8.32093	1
60	8.28977	8.29621	8.30255	8.30879	8.31495	8.32103	0
	53'	52 ′	51'	50'	49′	48'	"

cos 88º

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	6'	7'	8′	9′	10'	11'	"
20	8.28660	8.29309	8.29947	8.30577	8.31198	8.31809	80
	8.28671	8.29319	8.29958	8.30587	8.31208	8.31820	29
	8.28682	8.29330	8.29969	8.30598	8.31218	8.31830	28
-	8.28693	8.29341	8.29979	8.30608	8.31228	8.31840	27
84	8.28704	8.29351	8.29990	8.30619	8.31239	8.31850	26
35 36	8.28715 8.28725	8.29362 8.29373	8.30000	8.30629	8.31249	8.31860	25
-			8.30011	8.30639	8.81259	8.31870	24
37	8.28736 8.28747	8.29384 8.29394	8.30021	8.30650	8.31269	8.81880	23
	8.28758	8.29405	8.30032	8.30660	8.31280	8.31890	22
39		0.20200	8.30042	8.30671	8.31290	8.31901	21
40	8.28769	8.29416	8.30053	8.30681	8.31300	8.31911	20
41	8.28780	8.29426	8.30064	8.30691	8.81310	8.31921	19
	8.28791	8.29437	8.30074	8.30702	8.31321	8.31931	18
43	8.28801	8.29448	8.30085	8.30712	8.31331	8.31941	17
44	8.28812	8.29458	8.30095	8.30723	8.31341	8.31951	16
45	8.28823	8.29469	8.30106	8.30733	8.31351	8.21961	15
46	8.28834	8.29480	8.30116	8.30743	8.31362	8.81971	14
47	8.28815	8.29491	8.30127	8.30754	8.31372	8.31981	13
	8.28856	8.29501	8.30137	8.30764	8.31382	8.81991	12
49	8.28867	8.29512	8.30148	8.30774	8.31392	8.32001	11
50	3.28877	8.29523	8. 3 0158	8.30785	8.31403	8.82012	10
51	8.28888	8,29533	8.30169	8.30795	8.31413	8.32022	9
52	8.28899	8.29544	8.30179	8.30806	8.31423	8.32032	8
53	8.28910	8.29555	8.30190	8.30816	8.31433	8.32042	7
54	8.28921	8.29565	8.30200	8.30826	8.31443	8.32052	6
55	8.28932	8.29576	8.30211	8.30837	8.81454	8.32062	5
56	8.28942	8.29587	8.30221	8.30847	8.31464	8.32072	4
57	8.28953	8.29597	8.30232	8.30857	8.31474	8.32062	3
58	8.28964	8.29608	8.30242	8.30868	8.31484	8.32092	2
59	8.28975	8.29619	8.30253	8.30878	8.31494	8.32102	1
60	8.28986	8.29629	8.30263	8.30888	8.31505	8.32112	0
"	53′	52'	51'	50 ′	49 ′	48′	"

							_
	12′	13'	14'	15'	16'	17'	
Ø	8.32163	8.32702	8.33292	8.33875	8.34450	8.35018	60
	8.32113	8.32712	8.33302	8.33885	8.34460	8.35027	
	8.82123	8.32721	8.33312	8.33895	8.34169	8.35037	58
	8.32133	8.32731	8.33322	8.33904	8.34479	8.35046	
	8.32143 8.32153	8.32741	8.33332 8.33341	8.33914	8.34489 8.34498	8.35056 8.35065	
	8.32163	8.32761	8.33351	8.23933	8.34508	8.35074	
7	8.32173	8.32771	8.33361	8.33943	8.34517	8.25084	53
8	8.32183	8.32781	8.33371	8.33952	8.34527	8.35093	
9	8.32193	8.3279t	8.33380	8.33962	8.34536	8.35103	51
10	8.32203	8.32801	8.33390	8.33972	8.34546	8.35112	50
111	8.32213	8.32811	8.33400	8.33981	8.34555	8.35121	49
	8.32223	8.32820	8.33410	8.33991	8.34565	8.35131	48
13	8.32233	8.32830	8.33419	8.34001	8.34574	8.35140	47
	8.32243	8.32840	8.33429	8.34010	8.34584	8.35149	
	8.32253	8.32850	8.33439	8.34020	8.34593	8.35159	
B 1	8.32263	8.3286.)	8.33449	8.34029	8.34603	8.35168	44
	8.32273	8.32870	8.33458 8.33468	8.34039	8.34612	8.85178	
	8.32283 8.32293	8.32880 8.32890	8.33408	8.34049 8.34058	8.34621 8.34631	8.35187 8.35196	42 41
'"	0.02230	0.02000	0.00110	0.01000	0.01001	0.00150	31
20	8.32303	8.32899	8.33488	8.34068	8.34640	8.35206	40
21	8.32313	8.32909	8.33497	8.34077	8.34650	8.35215	39
22	8.32323	8.32919	8.33507	8.34087	8.34659	8.35224	
23	8.32333	8.22929	8.33517	8.34097	8.34669	8.35234	37
24	8.32343	8.32939	8.33527	8.34106	8.34678	8.35243	3 ;
25 26	3.32353	8.32949	8.33536	8.34116	8.34688	8.35252	35
1	8.32363	8.32959	8.83546	8.84125	8.34697	8.35262	
27 28	8.32373 8.32383	8.32968	8.33556 8.33565	8.34135 8.34145	8.34707 8.34716	8.35271 8.35280	33 32
	8.32393	8.32983	8.23575	8.34154	8.34726	8.35290	31
	8.32403	8.32998	8.33585	8.34164	8.34735	8.85299	30
"	47'	46′	45'	44'	43′	42′	"

cos 88º

"	12′	13′	14'	15'	16'	17'	"
0	8.32112	8.82711	8.33302	8.22886	8.34461	8.35029	80
1	8.82122	8.32721	8.33312	8.88895	8.34471	8.35038	59
	8. 32 1 3 2 8. 32 1 4 2	8.32731 8.32741	8.33322 8.33332	8.22905 8.22915	8.34480 8.34490	8.35048 8.35057	58 57
4	8.32152	8.32751	8.33342	8.88924	8.34499	8.35067	56
	8. 3216 2 8. 32 173	8.32761	8.33351 8.33361	8.33934	8.34509 8.34518	8.35076 8.35085	-
-	8.32183	8.32781	8.33371	8.23953	8.84528	8.85095	54 53
8	8.32193	8.32791	8.33381	8.83963	8.84537	8.35104	52
9	8.32203	8.32801	8.33390	8.83972	8.34547	8.35113	51
10	8.82213	8.32810	8.83400	8.33982	8.34556	8.35123	50
	8.82223	8.32820	8.83410	8.33992	8.34566	8.35182	49
	8.32233 8.32243	8.22830 8.22840	8.33420	8.34001 8.34011	8.34575 8.34585	8.35142 8.35151	48
14	8.32253	8.32850	8.33439	8.34021	8.34594	8.35160	47
	8.32263	8.32860	8.38449	8.34030	8.34604	8.35170	
	8.32273	8.32870	8.33459	8.84040	8.34613	8.35179	44
	8.32283 8.32293	8.32880 8.32890	8.33469 8.33478	8.34049 8.34059	8.34623	8.35189	
	8.22303	8.32899	8.23488	8.34069	8.34632 8.34642	8.35198 8.35207	42 41
20	8.82313	8.32909	8.83496	8.24078	8.34651	8.35217	40
21	8.22323	8.32919	8.83507	8.34088	8.34661	8.35226	29
	8.32333	8.32929	8.33517	8.34098	8.34670	8.35235	28
23	8.32343	8.32939	8.33527	8.34107	8.34680	8.35245	37
	8.32353	8.32949	8.83587	8.34117	8.34689	8.35254	
	8. 32368 8. 3237 3	8. 329 59 8. 329 69	8.23546 8.23556	8.34126 8.34136	8.34699 8.34708	8.35263 8.35273	35 34
	8.32383	8.32978	8.33566	8.34146	8.34718	8.35282	
28	8.32393	8.32988	8.33576	8.34155	8.34727	8.35291	32
	8.32403	8.32998	8.33585	8.34165	8.34736	8.35301	31 ~
30	8.32413	8.33008	8.33595	8.34174	8.34746	8.35310	30
"	47'	46′	45'	44'	43′	42′	"

~	12'	13′	14'	15′	İ6′	17'	"
30	8.32403	8.32998	8.33585	8.34164	8.34735	8.35299	30
81	8.82413	8.33006	8.83595	8.34173	8.34745	8.35308	
	8. 32423 8. 32433	8.33018 8.33028	8.33604 8.33614	8.34183 8.34193	8.34754 8.34764	8.35318 8.35327	28 27
	8.32443	8.33037	8.33624	8.34202	8.34773	8.3.336	26
35 26	8.32453 8.32463	8.33047 8.33057	8.33633	8.34212 8.34221	8.34782 8.34792	8.35346 8.35355	25 24
37	8.32473	8.33067	8.33653	8.34231	8.34801	8.35364	23
38 29	8.32483 8.32493	8.33077 8.33087	8.33662 8.33672	8.34240 8.34250	8.34811 8.34820	8.35374 8.35383	22 21
40	8.32503	8.33096	8.33682	8.34260	8.34830	8.35392	20
10							
41	8.32513 8.32523	8.33106 8.33116	8.33692 8.33701	8.34269 8.34279	8.34839 8.34849	8.35402 8.35411	19
43	8.32533	8.33126	8.33711	8.34288	8.34858	8.35420	
44	8.32543	8.33136	8.33721	8.34298	8.34867	8.35430	16
45	8.32553 8.32563	8.33145	8.33730 8.33740	8.34307 8.34317	8.34877 8.34886	8.35439 8.35448	15
	8.82573	8.33155	8.33750	8.34326	8.34896	8.35458	14
	8.32583	8.33175	8.33759	8.34335	8.34905	8.35467	12
	8.82592	8.33185	8.32769	8.34346	8.34915	8.35476	
50	8.32602	8.33195	8.33779	8.34355	8.34924	8.35485	10
51	8.32612	8.33204	8.33788	8.34365	8.34933	8.35495	
52	8:32622	8.33214	8.33798	8.34374	8.34943	8.35504	
53	8.32632	8.33224	8.33808	8.34384	8.34952	8.35513	7
54	8.32642	8.33234	8.33817	8.34393	8.34962	8.35523	
	8.32652	8.33244	8.33827	8.34403	8.34971 8.34980	8.35532 8.35541	5
	8.32662	8.33253	8.33837				I
	8.32672 8.32682	8.33263	8.33846	8.34422 8.34431	8.34990 8.34999	8.35551	3 2
	8.82692	8.23293	8.33866	8.34441	8.35009	8.35569	lil
	8.32702	8.33292	8.33875	8.34450	8.35018	8.35578	0
"	47'	46'	45'	44'	43′	42'	″

"			- 4			1.01	.,,
	12'	13'	14'	15'	16'	17'	L
30	8.32413	8.33008	8.33595	8.34174	8.34746	8.25310	30
	8.32423	8.33018	8.33605	8.34184	8.34755	8.35319	
32 33	8.32433 8.32443	8.33028 8.33038	8.33614 8.33624	8.34193 8.34203	8.34765	8.35329 8.35338	
34	8.32453	8.23047	R.33634	8.34213	8.34784	8.35347	1
35	8.32463	8.83057	8.33644	8.34222	8.34793	8.35357	25
36	8.32473	8.83067	8.33653	8.34232	8.34803	8.25366	
37	8.32483	8.33077	8.33663 8.33673	8.34241 8.84251	8.34812 8.34822	8.35375 8.35385	
	8. 32493 8. 32 503	8.83097	8.83682	8.34261	8.34831	8.35394	
40	8.32513	8.83106	8.33692	8.34270	8.34840	8.35403	20
41	8.32523	8.33116	8.88702	8.34280	8.34850	8.35413	
	8.32533	8.33126	8.33712	8.34289	8.84859	8.35422	
4 1	8.32542	8.33136	8.33721	8.34299	8.34869	8.35431	
	8.32552	8.33146	8.83731	8.34308	8.34878 8.34888	8.35441 8.35450	16 15
45 46	8. 32562 8. 32572	8.33155 8.33165	8.33741 8.33750	8.34318 8.34327	8.34897	8.85459	
47	8.32582	8.33175	8.33760	8.34337	8.34907	8.35469	
	8.32592	8.23185	8.33770	8.34347	8.34916	8.35478	
	8.32602	8.33195	8.33779	8.34356	8.34925	8.85487	11
50	8.32612	8.33205	8.33789	8.34366	8.84935	8.35497	10
51	8.32622	8.33214	8.83799	8.84375	8.34944	8.35506	9
	8.32632	8.33224	8.33808	8.34385	8.34954	8.35515	8
53	8.32642	8.33234	8.33818	8.84394	8.34963	8.85524	7
	8.32652	8.33244	8.33828	8.34404	8.34972	8.35534	6
55	8.32662	8.33254	8.33837	8.34413	8.34982	8.35543	5
	8.32672	8.33263	8.33847	8.34123	8.34991	8.35552	4
	8.32682	8.33273	8.33857	8.34432	8.35001 8.35010	8.35562 8.35571	3 2
	8.32692 8.32702	8.33283	8.33866 8.33876	8.34442 8.34452	8.35020	8.35580	
	8.32711	8.33302	8.33886	8.34461	8.35029	8.35590	1
-							7
	47'	46'	45'	44'	43′	42'	

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"	18'	19'	20′	21′	22′	23′	"
0	B.35578	8.36131	8.26678	8.37217	8.37750	8.38276	60
1	8.35588	8.36141	8.36687	8.37326	8.37759	8.38285	59
2	8.35597	8.36150	8.36696	8.37235	8.37768	8.38294	58
3	8.35606	8.36159	8.36705	8.87244	8.27776	8.38302	57
4	8.35615	8.86168	8.36714	8.37253	8.37785	8.38311	56
5	8.35425	8.36177	8.36723	8.37262	8.87794	8.38320	55
6	8.35634	8.36186	8.36732	8.37271	8.37803	8.38328	54
7	8.35643	8.36196	8.36741	8.37280	8.37812	8.38337	53
	8.35653	8.36205	8.36750	8.37289	8.37820	8.38346	52
9	8.35662	8.36214	8.36759	8.87297	8.37829	8.38355	51
10	8.35671	8.36223	8.36768	8.37306	8.37838	8.38363	50
11	8.35680	8.36232	8.36777	8.27315	8.37847	8.38372	49
	8.35690	8.36241	8.36786	8.37324	8.27856	8.38381	48
	8.35699	8.36250	8.36795	8.27332	8.37864	8.38389	47
14	8.35708	8.36260	8.36804	8.37342	8.37872	8.38398	46
	8.35717	8.36269	8.36813	8.37351	8.37882	8.38407	45
16	8.35727	8.36278	8.36822	8.37360	8.37891	8.38415	44
17	8.25726	8.36287	8.26831	8.27369	8, 37900	8.38424	43
18	8.35745	8.36296	8.36840	8.37378	8.37906	8.38433	42
19	8.35754	8.36305	8.36849	8.37387	8.87917	8.38442	41
20	8.35764	8.36314	8.36858	8.37396	8.87926	8.38450	40
21	8.35773	8.26323	8.26867	8.37404	8.27935	8.38459	39
	8.35782	8.86333	8.36876	8.37413	8.37944	8.38468	38
23	8.85791	8.36342	8.36885	8.37422	8.37952	8.38476	37
	8.25800	8.36351	8.36894	8.37431	8.37961	8.38485	36
	8.35810	8.36360	8.36903	8.37440	8.37970	8.38494	35
26	8.35819	8.36369	8.86912	8.37449	8.37979	8.38502	34
	8.35828	8.36378	8.36921	8.27458	8.37988	8.38511	33
28	8.35837	8.36387	8.36930	8.37467	8.37996	8.38520	32
29	8.85647	8.36396	8.36939	8.87475	8.38005	8.38528	81
	8.25856	8.36405	8.36948	8.37484	8.38014	8.38537	30
"	41'	40′	39′	38′	37′	36′	"

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"	18′	19'	20′	21	22′	23′	″
0	8.85590	8.36143	8.36689	8.87229	8.27762	8.38289	60
1	8.85599	8.36152	8.36699	8.87238	8.37771	8.38298	59
	8.85606	8.36161	8.36708	8.37247	8.27780	8.38306	58
3	8.85617	8.36170	8.36717	8.37256	8.87789	8.38315	57
4	8.25627	8.36180	8.36726	8.37265	8.37798	8.28324	
5	8 .35636	8.36189	8.36735	8.87274	8.37806	8.38332	55
6	8.35645	8.36198	8.36744	8.37283	8.37815	8.38341	54
7	8.35654	8.36207	8.36753	8.37292	8.37824	8.38350	53
	8.35664	8.36216	8.36762	8.37301	8.37833	8.38359	52
9	8.35678	8.36225	8.36771	8:37810	8.37842	8.38367	51
10	8.85682	8.36235	8.36780	8.87318	8.27850	8.38376	50
11	8.35692	8.36244	8.36789	8.37827	8.27859	8.38385	49
	8.35701	8.36252	8.26798	8.37336	8.27868	8.28392	48
	8.85710	8.36262	8.36807	8.37345	8.37877	8.38402	47
	8.35719	8.36271	8.26816	8.27354	8.27886	8.38411	46
	8.85729	8.36280	8.36825	8.27263	8.27894	8.38420	45
	8.35738	8.36289	8.36834	8.37272	8.37903	8.38428	44
17	8.85747	8.36299	8.36843	8.27281	8.27912	8.38437	43
18	8.35756	8.26308	8.36852	8.37390	8.37921	8.38446	42
19	8.85766	8.36317	8.36861	8.37399	8.87930	8.38454	41
20	8.35775	8.26326	8.36870	8.87408	8.87938	8.38463	40
21	8.25784	8.36335	8,26879	8.37416	8.27947	8.28472	39
	8.35798	8.86344	8.36888	8.37425	8.37956	8.38480	38
	8.85808	8.26353	8.36897	8.87434	8.27965	8.38489	87
24	8.35812	8.36362	8.36906	8.37443	8.37974	8.38498	36
	8.35821	8.36373	8.36915	8.37452	8.37982	8.38506	35
26	8.35830	8. 563 81	8.36924	8.37461	8.37991	8.38515	34
	8.35839	8.36390	8.36933	8.37470	8.39000	8.88524	33
	8.35849	8.36399	8.26942	8.37479	8.38009	8.88532	82
29	8.35858	8.36408	8.36951	8.87488	8.39018	8.38541	81
30	8.35867	8.36417	8.36960	8.37497	8.38026	8.38550	30
"	41'	40'	39′	38′	37'	36′	~

"	10'	10'	200'	01′	22′	23′	"
	18'	19'	20′	21'	22	23	
30	8.35856	8.36405	8.36943	8.37484	8.38014	8.38537	30
31	8.35865	8.36415	8.36957	8.37493	8.38023	8.38546	
	8.35874	8.36424	8.36966	8.37502	8.38031	8.38554	
	8.35883	8.36433	8.36975	8.37511	8.38040	8.38563	
34	8.35893	8.36442	8.36984	8.37520	8.38049	8.38572	
35	8.35902	8.36451	8.36993	8.37529	8.38058 8.38066	8.38589	
36	8.35911	8.36460	8.87002	8.37538			1
	8.35920	8.36469	8.37011	8.37546 8.37555	8.38075 8.38084	8.38598	
	8.35929 8.35939	8.36478 8.36487	8.37020 8.37029	8.375.4	8.38093	8.38615	
"	0.00939	0.00201	0.01025	0.010.1] -
40	8.35948	8.36496	8.37038	8.37573	8.38101	8.38624	20
41	8.35957	8.36505	8.37047	8.37582	8.38110	8,38632	19
	8.35966	8.36515	8.37056	8.37591	8.38119	8.38641	18
43	8.35975	8.36524	8.37065	8.37600	8.38128	8.38650	17
44	8.35985	8.36533	8.37074	8.37608	8.33136	8.38658	16
45	8.35994	8.36542	8.37083	8.37617	8.38145	8.38667	
46	8.36003	8.36551	8.37092	8.37626	8.38154	8.38675	14
	8.36012	8.36560	8.37101	8.37635	8.38163	8.38684	
	8.36021	8.36569	8.37110	8.37644	8.38171	8.38693	
49	8.36031	8.36578	8.37119	8.37653	8.38180	8.38701	11
50	8.36040	8.36587	8.37128	8.37662	8.38189	8.38710	10
51	8.36049	8.36596	8.37137	8.37670	8.38198	8.38719	9
	8.36058	8.36605	8.37146	8.37679	8.38206	8.38727	8
53	8.36067	8.36614	8.37155	8.37688	8.38215	8.38736	7
54	8.36076	8.36623	8.37163	8.37697	8.38224	8.38744	
	8.36086	8.36632	8.37172	8.37706	8.38233	8.38753	
56	8.36095	8.36641	8.37181	8.37715	8.38241	8.38762	• •
57	8.36104	8.36651	8.37190	8.87728	8.38250	8.38770	
58	8.36113	8.36660	8.37199	8.37732	8.38259	8.38779	
59	8.36122	8.36669	8.37208	8.87741	8.38267	8.38788	
60	8.36131	8.36678	8.37217	8.37750	8.38276	8.38796	0
"	41'	40′	39 ′	38′	37′	36'	"

"	18′	19′	20′	21'	22 ′	23′	"
30	8.25867	8.36417	8.36960	8.37497	8.28026	8.38550	30
	8.35876	8.36426	8.36969	8.37505	8.38035	8.88558	29
	8.35886 8.35895	8.36435 8.36444	8.36978 8.36987	8.37514 8.37523	8.38044 8.38053	8.38567 8.38576	28 27
	8.35904	8.36453	8.36996	8.37532	8.38061	8.38584	26
	8.35913 8.35922	8.36463 8.36472	8.37005 8.37014	8.37541 8.37550	8.28070 8.28079	8.38593 8.38602	25 24
	8.85932	8.36481	8.87023	8.37559	8.38088	8.38610	23
	8.85941 8.85950	8.36490 8.36499	8.37032 8.37041	8.37568 8.37576	8.39097 8.38105	8.38619 8.38628	22 21
Ħ							- 1
**	8.25959	8.36506	8.37050	8.27585	8.38114	8.38636	20
41 42	8. 359 68 8. 359 78	8.26517 8.26526	8.37059 8.37068	8.37594 8.37603	8.38123 8.38132	8.38645 8.38654	19 18
43	8.25987	8.36535	8.37077	8.87612	8.38140	8.38662	
44 45	8.35996	8.36544	8.37086	8.37621	8.88149	8.38671	16
	8.36005 8.36014	8.36553 8.36563	8.37095 8.37104	8. 3763 0 8. 3763 8	8.38158 8.28167	8.38680 8.38688	15 14
	8.36024	8.36572	8.37113	8.37647	8.38175	8.38697	13
	8.36033 8.36042	8.26581 8.26590	8.37122 8.37121	8.37656 8.37665	8.38184 8.38193	8.38706 8.38714	12
50	8.26051	8.36599	8.37140	8.87674	8.38202	8.38723	10
51	8.36060	8.26608	8.37149	8.37683	8.28210	8.38732	9
52	8.36070	8.36617	8.37158	8.37692	8.38219	8.38740	8
54	8.36079 8.36088	8.36626 8.36635	8.37167 8.37175	8.37700	8.38228	8.38749 8.38757	7
55	8.36097	8.86644	8.37184	8.37718	8.38245	8.38766	5
H	8.36106	8.36653	8.87193	8.37727	8.38254	8.38775	4
58	8.36115 8.36125	8.36662 8.36671	8.37202	8.37736	8.38263	8.38783	3 2
59	8.36134	8.36680	8.37220	8.87753	8.38280	8.38801	ī
60	8.36143	8.36689	8.37229	8.87762	8.38289	8.38809	0
″	41'	40′	39'	38′	37'	36′	"

"	24'	25'	26′	27′	28′	29′	"
0	8.38796	8.39310	8.39618	8.40820	8.40816	8.41307	60
1 2	8.38805 8.38813	8.39319 8.39327	8.39626	8.40328	8.40824 8.40833	8.41315 8.41328	5 9 58
ŝ	8.38822	8.39336	8.89843	8.40345	8.40841	8.41331	57
4 5	8.38831 8.38839	8.39344 8.39353	8.89652 8.89660	8.40353 8.40361	8.40849 8.40857	8.41339 8.41347	56 55
	8.38848	8. 39 361	8.39668	8.40370	8.40865	8.41356	54
7	8.38856 8.38865	8.39370 8.39378	8.39877 8.39885	8.40378 8.40386	8.40874 8.40882	8.41364 8.41372	53 52
	8.38874	8.39387	8.39894	8.40395	8.40890	8.41380	51
10	8.38882	8.39395	8.39902	8.40403	8.40698	8.41388	50
11	8.38891	8.39404	8.39910	8.40411	8.40906	8.41396	49
12 13	8.38899 8.38908	8.39412 8.39421	8.39919 8.39927	8.40420 8.40428	8.40915 8.40923	8.41404 8.41412	48 47
	8.38917	8.39429	8.39936	8.40436	8.40931	8.41420	46
	8.38925 8.38934	8.39438 8.39446	8.39944 8.39952	8.40444 8.40453	8.40939 8.40948	8.41429 8.41437	45 44
	8.38942	8.39455	8.39961	8.40461	8.40956	8.41445	43
	8.38951 8.38960	8.39463 8.39472	8.39969 8.39978	8.40469 8.40478	8.40964 8.40972	8.41453 8.41461	42 41
20	8.38968	8.39480	8.39986	8.40486	8.40980	8.41469	40
	8.38977	8.39489	8.39994	8.40494	8.40984	8.41477	39
22 23	8.38985 8.38994	8.39497 8.39505	8.40003	8.40503 8.40511	8.40997 8.41005	8.41485 8.41493	38 37
24	8.39002	8.39514	8.40019	8.40519	8.41013	8.41501	36
25 26	8.39011 8.39020	8.39522 8.39531	8.40028 8.40036	8.40527 8.40536	8.41021 8.41029	8.41510 8.41518	35 34
27	8.39028	8.39539	8.40045	8.40544	8.41038	8.41526	33
28 29	8.39037 8.39045	8.39548 8.39556	8.40053 8.40061	8.40552 8.40560	8.41046 8.41054	8.41534	32 31
	8.39054	8.39565	8.40070	8.40569	8.41062	8.41550	30
"	35'	34'	33′	32′	31′	30′	"

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	24'	25 ′	26 ′	27'	28 ′	29'	
U	8.38809	8.39323	8.39832	8.40334	8.40830	8.41321	60
	81888.8	8.39332	8.39840	8.40342	8.40639	8.41329	59
	8.38826	8.39840	8.89848	8.40350	8.40847	8.41338	58
	8.38835	8.39349	8.89857	8.40359	8.40855	8.41346	57
	8.38844	8.39357	8.29865	8.40367	8.40863	8.41354	56
	8.38952	8.39366	8.39674	8.40375	8.40871	8.41362	
_	8.38861	8.39374	8.39882	8.40384	8.40880	8.41370	1
	8.38669 8.38878	8.29383 8.29391	8.39890	8.40392	8.40888	8.41378 8.41386	53 52
	8.38887	8.39460	8.29907	8.40409	8.40904	8.41394	51
•		9.93500	0.00001	0.40403	0.70001	0.71007	l "'
10	8.38895	8.89406	8.29916	8.40417	8.40913	8.41403	50
ln	8.28904	8.89417	8.39924	8.40425	8.40921	8.41411	49
	8.38913	8,39425	8.39932	8.40434	8.40929	8.41419	
13	8.38921	8.89434	8.39941	8.40442	8.40937	8.41427	47
14	8.28930	8.39442	8.20949	8.40450	8.40945	8.41435	46
15	8.36938	8.39451	8.89958	8.40458	8.40954	8.41443	45
16	8.38947	8.39459	8.39966	8.40467	8.40962	8.41451	44
17	8.38955	8.39468	8.39974	8.40475	8.40970	8.41459	
	8.83964	8.39476	8.39983	8.40483	8.40978	8.41468	
19	8.3:973	8.39485	8.39991	8.40492	8.40986	8.41476	41
20	3.38961	8.39493	8.40000	8.40500	8.40995	8.41484	40
21	8.28990	8.89502	8.40008	8.40508	8.41003	8.41492	39
22	8.38998	8.89510	8.40016	8.40517	8.41011	8.41500	
23	8.39007	8.39519	8.40025	8.40525	8.41019	8.41508	87
	8.29016	8.29527	8.40033	8.40533	8.41027	8.41516	
	8.39024	8.89536	8:40042	8.40541	8.41036	8.41524	
m	8.39033	8.86544	8.40050	8.40550	8.41044	8.41532	
	8.39041	8.29553	8.40058	8.40558	8.41052	8.41540	
28	8.39050	8.39561	8.40067	8.40566	8.41060	8.41549	
29	8.39058	8.39570	8.40075	8.40575	8.41068	8.41557	1
30	8.89067	8.39578	8.40088	8.40588	8.41077	8.41565	30
"	35'	34'	33′	32'	31'	30′	"

sin 10

"	24'	25'	26'	27'	28′	29'	"
30	8.39054	8.39565	8.40070	8.40569	8.41062	8.41550	30
	8.39062	8.39573	8.40078	8.40577	8.41070	8.41558	
32 33	8.39071 8.39080	8.39582 8.39590	8.40086 8.40095	8.40585 8.40594	8.41078 8.41087	8.41566 8.41574	28 27
	8.39088	8.39599	8.40103	8.40602	8.41095	8.41582	26
	8.39097	8.39507	8.40111	8.40610	8.41103	8.41590	25
36	8.39105	8.39616	8.40120	8.40618	8.41111	8.41598	24
	8.39114	8.39624	8.40128	8.40627	8.41119	8.41607	23
38 39	8.39122 8.39131	8.39632 8.39641	8.40137 8.40145	8.40635	8.41128 8.41136	8.41615 8.41623	22 21
39	9.98191	0.39021	0.10110	0.10010	0.71100	0.TIV20	21
40	8.39139	8.39649	8.40153	8.40651	8.41144	8.41631	20
41	8.39148	8.39658	8.40162	8.40660	8.41152	8.41689	19
	8.39157	8.39666	8.40170	8.40668	8.41160	8.41647	18
43	8.39165	8.39675	8.40178	8.40676	8.41168	8.41655	17
44	8.39174	8.39683	8.40187	8.40684	8.41176	8.41663	16
	8.39182	8.39692	8.40195 8.40203	8.40693 8.40701	8.41185 8.41193	8.41671 8.41679	15
a	8.39191	8.39700		1			14
	8.39199 8.39208	8.39708	8.40212 8.40220	8.40709	8.41201 8.41209	8.41687 8.41695	13
	8.39216	8.39725	8.40228	8.40726	8.41217	8.41703	11
70				0.10120			**
50	8.39225	8.39734	8.40237	8.40734	8.41225	8.41711	10
51	8.39233	8.39742	8.40245	8.40742	8.41234	8.41719	9
52	8.39242	8.39751	8.40253	8.40750	8.41242	8.41728	8
53	8.39250	8.39759	8.40262	8.40759	8.41250	8.41736	7
54	8.39259	8.39767	8.40270	8.40767	8.41258	8.41744	6
	8.39267	8.39776	8.40278	8.40775	8.41266	8.41752	5
	8.39276	8.39784	8.40287	8.40783	8.41274	8.41760	4
57	8.39285	8.39793	8.40295	8.40791	8.41282	8.41768	8
58 59	8.39293 8.39802	8.39801 8.39810	8.40303 8.40312	8.40800	8.41290 8.41299	8.41776 8.41784	2
	8.39310		8.40312	8.40816	8.41207	8.41792	6
<u> </u>	19.99310	8.39818	0.40520	0.20010	0.21201	0.21192	Ë
″	35'	34'	33′	32′	31'	30′	″

~	24′	25′	26′	27'	28'	29′	
30	8.39067	8.39578	8.40083	8.40588	8.41077	8.41565	30
	8.39076	8.29587	8.40092	8.40591	8.41085	8.41578	29
33	8. 39084 8.3909 8	8.29595 8.29604	8.40100 8.40108	8.40599 8.40608	8.41098 8.41101	8.41581 8.41589	28 27
34	8. 39 101	8.89612	8.40117	8.40616	8.41109	8.41597	26
35 36	8.39110 8.39118	8.39621 8.39629	8.401 25 8.401 3 4	8.40624 8.40632	8.41117 8.41126	8.41605 8.41618	25 24
	8.39127	8.39637	8.40142	8.40641	8.41134	8.41621	23
	8.39136 8.39144	8.29646	8.40150 8.40159	8.40649 8.40657	8.41142 8.41150	8.41629 8.41637	22 21
-							
40	8.39158	8.39663	8.40167	8.40665	8.41158	8.41646	20
41 42	8. 39 161 8. 39 170	8.39671 8.39680	8.40175 8.40184	8.40674 8.40682	8.41166 8.41175	8.41654 8.41662	19 18
43	8.39178	8.39688	8.40192	8.40690	8.41183	8.41670	17
#	8.39187	8.39697	8.40200	8.40699	8.41191	8.41678	16
	8.39195 8.39204	8.29705 8.29713	8.40209 8.40217	8.40707	8.41199 8.41207	8.41696 8.41694	15 14
	8.89212	8.39722	8.40225	8.40723	8.41215	8.41702	13
48	8. 3922 1 8. 3923 0	8.39730 8.39739	8.40234 8.40242	8.407 3 2 8.40740	8.41224 8.41232	8.41710 8.41718	12 11
50							10
∞	8.29228	8.29747	8.40250	8.40748	8.41240	8.41726	10
	8.39247	8. 39 756 8. 39 764	8.40259 8.40267	8.40756 8.40764	8.41248 8.41256	8.417 84 8.41742	9
	8.39264	8.39773	8.40276	8.40773	8.41264	8.41750	7
54	8.89272	8.89781	8.40284	8.40781	8.41272	8.41758	6
	8.89281 8.89289	8.39789 8.39798	8.40292 8.40301	8.40789 8.40797	8.41281 8.41289	8.41767 8.41775	5 4
57	8.39298	8.39806	8.40309	8.40806	8.41297	8.41783	8
	8. 393 06 8. 393 15	8.39815	8.40317 8.40325	8.40614 8.40822	8.41305	8.41791 8.41799	2
1	8.89323	8.89832	8.40334	8.40630	8.41321	8.41807	0
	35'	34'	33′	32′	31'	30′	"

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	30'	31'	32 ′	33′	34′	35'	"
0	8.41792	8.42272	8.42746	8.43216	8.43680	8.44139	60
1	8.41800 8.41808	8.42280	8.42754	8.48223	8.43688 8.43695	8.44147	59
	8.41816	8.42288 8.42296	8.42762 8.42770	8.43231 8.43239	8.43703	8.44155 8.44162	58 57
	8.41824	8.42303	8.42778	8.43247	8.43711	4.44170	
5	8.41832 8.41840	8.42311 8.42319	8.42786 8.42798	8.43254 8.43262	8.43718 8.43726	8.44178 8.44185	
7	8.41848	8.42327	8.42801	8.43270	8.43734	8.44193	
	8.41856 8.41864	8.42335 8.42343	8.42809 8.42817	8.43278 8.43286	8.43742 8.43749	8.44200 8.44208	
10	8,41872	8.42351	8.42825	8.43293	8.43757	8.44216	50
,,	8.41880	8.42359	8.42833	8.43301	8.43765	8.44223	49
12	8.41888	8.42367	8.42840	8.43301	8.43772	8.44231	48
13	8.41896	8.42375	8.42848	8.43317	8.43780	8.44238	47
14 15	8.41904 8.41912	8.42383 8.42391	8.42856 8.42864	8.43324 8.43332	8.43788 8.43795	8.44246 8.44254	46 45
16	8.41920	8.42399	8.42872	8.43340	8.43803	8.44261	44
17 18	8.41928 8.41936	8.42407 8.42415	8.42880 8.42888	8.43348 8.43355	8.43811 8.43818	8.44269 8.44276	43 42
19	8.41944	8.42423	8.42895	8.43363	8.43826	8.44284	41
20	8.41952	8.42430	8.42903	8.43371	8.43834	8.44292	40
21	8.41960	8.42438	8.42911	8.43379	8.43841	8.44299	39
22 23	8.41968 8.41976	8.42446 8.42454	8.42919 8.42927	8.43386 8.43394	8.43849 8.43857	8.44307 8.44314	38 37
24	8.41984	8.42462	8.42985	8.43402	8.43864	8.44322	36
25 26	8.41992 8.42000	8.42470 8.42478	8.42942 8.42950	8.43410 8.43417	8.43872 8.43880	8.44329 8.44337	85 84
27	8.42008	8.42486	8.42958	8.43425	8.43887	8.44345	33
28 29	8.42016 8.42024	8.42494 8.42502	8.42966 8.42974	8.43433 8.43441	8.43895	8.44352	32
	8.42032	8.42510	8.42982	8.43448	8.43903	8.44360	31 30
"	29′	28′	27'	26′	25'	24'	"

"	30′	31'	32 ′	33′	34′	35'	"
0	8.41807	8.42287	8.42762	8.43232	8.43696	8.44156	60
	8.41815	8.42295	8.42770	8.43239	8.43704	8.44164	59
	8.41823 8.41831	8.42303 8.42311	8.42778	8.43247 8.43255	8.43712 8.43719	8.44171 8.44179	58 57
R -	8.41839	8.42319	8.42793	8.43263	8.43727	8.44187	56
	8.41847	8.42327	8.42801	8.43270	8.43735	8.44194	55
6	8.41855	8.42335	8.42809	8.43278	8.43742	8.44202	54
	8.41868	8.42343	8.42817	8.43286	8.43750	8.44209	
	8.41871 8.41879	8.42351 8.42358	8.42825	8.43294 8.43302	8.43758	8.44217 8.44225	52 51
,	0.21819	5.72335	0.22533	0.73302	0.73100	0.77223	ا '' ا
10	8.41887	8.42366	8.42840	8.43309	8.43773	8.44232	50
11	8.41895	8.42374	8.42848	8.48317	8.43781	8.44240	49
	8.41903	8.42382	8.42856	8.48325	8.43789	8.44247	48
u	8.41911	8.42390	8.42864	8.43333	8.43796	8.44255	47
	8.41919	8.42398	8.42872	8.43340	8.43804	8.44263	46 45
	8.41927 8.41935	8.42406 8.42414	8.42880 8.42888	8.43348 8.43356	8.43812 8.43819	8.44270 8.44278	44
	8.41943	8.42422	8.42895	8.43364	8.43927	8.44285	43
	8.41951	8.42430	8.42903	8.43371	8.43835	8.44293	42
	8.41959	8.42438	8.42911	8.43379	8.43842	8.44301	41
20	8.41967	8.42446	8.42919	8.43387	8.43850	8.44308	40
21	8.41975	8.42454	8.42927	8,43395	8.43858	8,44316	39
22	8.41983	8.42462	8.42935	8.43402	8.43865	8.44323	38
	8.41991	8.42470	8.42942	8.43410	8.43873	8.44331	37
	8.41999	8.42477	8.42950	8.43418	8.43881	8.44339	36
	8.42007 8.42015	8.42485 8.42493	8.42958 8.42966	8.43426 8.43433	8.43888 8.43896	8.44346 8.44354	35 34
II	8.42023	8.42501	8.42974	8.43441	8.43904	8.44361	33
	8.42031	8.42509	8.42982	8.43449	8.43911	8.44369	
	8.42040	8.42517	8.42989	8.43457	8.43919	8.44377	31
30	8.42048	8.42525	8.42997	8.43464	8.43927	8.44384	30
"	29′	28′	27'	26'	25'	24'	"

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<u>"</u>	30′	31'	32 ′	33	34'	35′	"
80	8.42032	8.42510	8.42982	8.43448	8.43910	8.44367	30
	8.42040 8.42048	8.42518 8.42525	8.42989	8.43456 8.43464	8.43918 8.43926	8.44375 8.44383	
83	8.42056	8.42583	8.43005	8.43472	8.43933	8.44390	
	8.42064	8.42541	8.43013	8.48479	8.43941	8.44398	
	8.42072 8.42080	8.42549 8.42557	8.43021 8.43028	8.43487 8.43495	8.43949 8.43956	8.44405 8.44413	25 24
	8.42068	8.42565	8.43036	8.43503	8.43964	8.44420	
	8.42096 8.42104	8.42578 8.42581	8.43044 8.43052	8.43510	8.43979	8.44428 8.44436	
1				8.43526	8.43987	8.4443	20
40	8.42112	8.42589	8.43060	8.48520			
	8.42120 8.42128	8.42597 8.42604	8.43068 8.43075	8.43533 8.43541	8.43994	8.44451 8.44458	19 18
	8.42136	8.42612	8.43083	8.43549	8.44010	8.44466	17
	8.42144	8.42620	8.43091 8.43099	8.43557 8.43564	8.44017 8.44025	8.44478 8.44481	16 15
	8.42152 8.42160	8.42628 8.42636	8.43107	8.43572	8.44033	8.44488	14
	8.42168	8.42644	8.43114	8.43580	8.44040	8.44496	13
	8.42176 8.42184	8.42652 8.42660	8.43122 8.43130	8.43588 8.43595	8.44048 8.44056	8.44504 8.44511	12 11
50	8.42192	8.42667	8.43138	8.43603	8.44063	8.44519	10
l	8.42200	8.42675	8.43146	8.43611	8.44071	8.44526	9
	8.42208	8.42683	8.43153	8.43618	8.44078	8.44534	8
1	8.42216	8.42691	8.43161	8.43626	8.44086	8.44541	7
54 55	8.42224 8.42232	8.42699 8.42707	8.43169 8.43177	8.43634 8.43641	8.44094 8.44101	8.44549 8.44556	6 5
	8.42240	8.42715	8.43184	8.43649	8.44109	8.44564	4
57	8.42248	8.42728	8.43192	8.43657	8.44117	8.44571	8
	8.42256 8.42264	8.42730 8.42738	8.43200	8.43665	8.44124 8.44182	8.44579 8.44587	2
	8.42272	8.42746	8.43216	8.43680	8.44139	8.44594	ō
"	29′	28′	27'	26′	25'	24'	"

"	30 [′]	31′	32′	33'.	34'	35′	"
30	8.42048	8.42525	8.42997	8.43464	8.43927	8.44384	30
	8.42056	8.42533	8.43005	8.43472	8.43934	8.44392	
	8.42064 8.42072	8.42541 8.42549	8.43013 8.43021	8.43480 8.43488	8.43942 8.43950	8.44399 8.44407	
	8.42079	8.42557	8.43029	8.43495	8.43957	8.44414	
	8.42087 8.42095	8.42565	8.43036	8.43503	8.43965	8.44422	
1	8.42103	8.42572 8.42580	8.43044 8.43052	8.43511 8.43519	8.43978 8.43980	8.44430 8.44437	24 23
	8.42111	8.42588	8.43060	8.43526	8.43988	8.44445	
39	8.42119	8.42596	8.43068	8.43534	8.43996	8.44452	21
40	8.42127	8.42604	8.43075	8.43542	8.44003	8.44460	20
41	8.42135	8.42612	8.43083	8.43550	8.44011	8.44467	19
	8.42143	8.42620	8.43091	8.43557	8.44019	8.44475	
	8.42151	8.42628	8.43099	8.43565	8.44026	8.44483	
	8.42159 8.42167	8.42636 8.42644	8.43107 8.43115	8.43573 8.43581	8.44034 8.44042	8.44490 8.44498	
	8.42175	8.42651	8.43122	8.43588	8.44049	8.44505	
47	8.42183	8.42659	8.43130	8.43596	8.44057	8.44513	13
	8.42191	8.42667	8.43138	8.43604	8.44064	8.44520	
49	8.42199	8.42675	8.43146	8.43611	8.44072	8.44528	11
50	8.42207	8.42688	8.43154	8.43619	8.44080	8.44536	10
51	8.42215	8.42691	8.43161	8.43627	8.44087	8.44543	9
	8.42223	8.42699	8.43169	8.43635	8.44095	8.44551	8
53	8.42231	8.42707	8.43177	8.43642	8.44103	8.44558	
	8.42239	8.42715	8.43185	8.43650	8.44110	8.44566	
	8.42247	8.42722	8.43193	8.43658	8.44118	8.44573	
	8.42255	8.42730	8.43200	8.43665	8.44126	8.44581	4
	8.42263	8.42738	8.43208	8.43673	8.44133	8.44588	
	8.42271 8.42279	8.42746 8.42754	8.43216 8.43224	8.43681 8.43689	8.44141 8.44148	8.44596 8.44603	2
	8.42219	8.42762	8.43232	8.43696	8.44156	8.44611	0
00		0.12.02	0110101	0.1000	25'		 "
	29′	28′	27'	26'	20	24'	

"	36′	37′	38′	39′	40′	41'	″
0	8.44594	8.45044	8.45489	8.45930	8.46366	8.46799	60
	8.44602	8.45051	8.45497	8.45987	8.46374	8.46806	
	8.44609	8.45059	8.45504	8.45945	8.46381	8.46813	58
	8.44617	8.45066	8.45511	8.45952	8.46388	8.46820	
	8.44624 8.44632	8.45074	8.45519 8.45526	8.45959 8.45967	8.46395 8.46403	8.46827 8.46834	56 55
	8.44639	8.45089	8.45534	8.45974	8.46410	8.46841	54 54
• •	8.44647	8.45096	8.45541	8.45981	8.46417	8.46849	
	8.44654	8.45104	8.45548	8.45989	8.46424	8.46856	52
	8.44662	8.45111	8.45556	8.45996	8.46432	8.46863	51
10	8.44669	8.45119	8.45563	8.46003	8.46439	8.46870	50
ا" ا		0.10117	0.25500	0.1000	0.1010	0.20010	3
	8.44677	8.45126	8.45570	8.46010	8.46446	8.46877	49
	8.44684	8.45133	8.45578	8.46018	8.46458	8.46884	48
1	8.44692	8.45141	8.45585	8.46025	8.46460	8.46892	47
	8.44699	8.45148	8.45593	8.46032	8.46468	8.46899 8.46906	
	8.44707 8.44715	8.45156 8.45163	8.45600 8.45607	8.46040 8.46047	8.46475 8.46482	8.46913	45 44
I I	8.44722	8.45171	8.45615	8.46054	8.46489	8.46920	43
	8.44730	8.45178	8.45622	8.46061	8.46497	8.46927	42
	8.44737	8.45186	8.45629	8.46069	8.46504	8.46934	41
20	8.44745	8.45193	8.45637	8.46076	8.46511	8.46942	40
21	8.44752	8.45200	8.45644	8.46083	8.46518	8.46949	39
22	8.44760	8.45208	8.45651	8.46091	8.46525	8.46956	38
23	8.44767	8.45215	8.45659	8.46098	8.46533	8.46963	
	8.44775	8.45228	8.45666	8.46105	8.46540	8.46970	
25 26	8.44782	8.45230	8.45674	8.46112	8.46547	8.46977 8.46984	35
1	8.44790	8.45238	8.45681	8.46120	8.46554		34
27 28	8.44797	8.45245 8.45252	8.45688 8.45696	8.46127 8.46134	8.46561 8.46569	8.46992 8.46999	33 32
	8.44805 8.44812	8.45260	8.45703	8.46142	8.46576	8.47006	31
- 1	8.44820	8.45267	8.45710	8.46149	8.46583	8.47013	- 1
"	23′	22′	21'	20'	19′	18'	"

"	36′	37′	38′	39′	40′	41'	"
0	8.44611	8.45061	8.45507	8.45948	8.46385	8.46817	60
1	8.44619	8.45069	8.45514	8.45955	8.46392	8.46824	59
	8.44626 8.44634	8.45076 8.45084	8.45522 8.45529	8.45963 8.45970	8.46399 8.46407	8.46832 8.46839	58 57
4	8.44641	8.45091	8.45537	8.45977	8.46414	8.46846	
5	8.44649 8.44656	8.45099 8.45106	8.45544 8.45551	8.45985 8.45992	8.46421 8.46428	8.46853 8.46860	55 54
	8.44664	8.45114	8.45559	8.45999	8.46436	8.46867	58
	8.44671 8.44679	8.45121 8.45128	8.45566 8.45578	8.46007 8.46014	8.46443 8.46450	8.46875 8.46882	52 51
							-
10	8.44686	8.45136	8.45581	8.46021	8.46457	8.46889	50
	8.44694	8.45143	8.45588	8.46029	8.46464	8.46896	49
	8.44701 8.44709	8.45151 8.45158	8.45596 8.45603	8.46036 8.46043	8.46472 8.46479	8.46903 8.46910	48 47
14	8.44717	8.45166	8.45610	8.46050	8.46486	8.46918	46
	8.44724 8.44732	8.45173 8.45181	8.45618 8.45625	8.46058 8.46065	8.46493 8.46501	8.46925 8.46932	45 44
	8.44739	8.45188	8.45632	8.46072		8.46939	43
18	8.44747	8.45195	8.45640	8.46080	8.46515	8.46946	42
19	8.44754	8.45203	8.45647	8.46087	8.46522	8.46953	41
20	8.44762	8.45210	8.45655	8.46094	8.46529	8.46960	40
	8.44769	8.45218	8.45662	8.46101	8.46537	8.46968	39
	8.44777 8.44784	8.45225 8.45233	8.45669 8.45677	8.46109 8.46116	8.46544 8.46551	8.46975 8.46982	38 27
	8.44792	8.45240	8.45684	8.46123	8.46558	8.46989	36
25	8.44799	8.45248	8.45691	8.46131	8.46566	8.46996	35
8 1	8.44807 8.44814	8.45255 8.45262	8.45699 8.45706	8.46138 8.46145	8.46573 8.46580	8.47003 8.47010	34 83
28	8.44822	8.45270	8.45713	8.46152	8.46587	8.47018	32
	8.44829	8.45277	8.45721	8.46160	8.46594	8.47025	81
.30	8.44937	8.45285	8.45728	8.46167	8.46602	8.47032	30
"	23	22 ′	21'	20'	19'	18'	"

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	36'	37′	3 8′	3 9′	40′	41'	
30	8.44820	8.45267	8.45710	8.46149	8.46583	8.47013	30
	8.44827	8.45275	8.45718	8.46156	8.46590	8.47020	
	8.44835 8.44842	8.45282 8.45290	8.45725 8.45732	8.46168 8.46171	8.46597 8.46605	8.47027 8.47034	28 27
1	8.44850	8.45297	8.45740	8.46178	8.46612	8.47041	26
	8.44857 8.44865	8.45304 8.45312	8.45747 8.45754	8.46185 8.46192	8.46619 8.46626	8.47049 8.47056	
1	8.44872	8.45319	8.45762	8.46200	8.46633	8.47063	
38	8.44880	8.45327	8.45769	8.46207	8.46641	8.47070	
39	8.44887	8.45834	8.45776	8.46214	8.46648	8.47077	21
40	8.44895	8.45341	8.45784	8.46222	8.46655	8.47084	20
	8.44902	8.45349	8.45791	8.46229	8.46662	8.47091	19
	8. 449 10 8. 449 17	8.45356 8.45364	8.45798 8.45806	8.46236 8.46243	8.46669 8.46677	8.47098 8.47105	
	8.44924	8.45371	8.45813	8.46251	8.46684	8.47113	
45	8.44932	8.45378	8.45820	8.46258	8.46691	8.47120	15
	8.44989	8.45386	8.45828	8.46265	8.46098	8.47127	14
	8.44947 8.44954	8.45393 8.45401	8.45835 8.45842	8.46272 8.46280	8.46705 8.46712	8.47184 8.47141	13 12
	8.44962	8.45408	8.45850	8.46287	8.46720	8.47148	
50	8.449 6 9	8.45415	8.45857	8.46294	8.46727	8.47155	10
51	8.44977	8.45423	8.45864	8.46301	8.46734	8.47162	ا و ا
	8.44984	8.45430	8.45872	8.46309	8.46741	8.47169	8
(8 .449 92	8.45438	8.45879	8.46316	8.46748	8.47177	7
	8.44999 8.45007	8.45445 8.45452	8.45886 8.45894	8.46323 8.46330	8.46755 8.46763	8.47184 8.47191	6 5
	8.45014	8.45460	8.45901	8.46838	8.46770	8.47198	
	8.45022	8.45467	8.45908	8.46345	8.46777	8.47205	
	8.45029	8.45475	8.45916	8.46352	8.46784	8.47212	2
1 1	8.45037	8.45482	8.45923	8.46359	8.46791	8.47219	1
60	8.45044	8.45489	8.45930	8.46366	8.46799	8.47226	0
"	23′	22′	21'	20′	19'	18'	"

cos 880

"	00'	0=1	90'	201	40'	411	~
	36'	37'	38′	39′	40′	41'	
30	8.44837	8.45285	8.45728	8.46167	8.46602	8.47032	30
31	8.44844	8.45292	8.45135	8.46174	8.46609	8.47039	29
32 33	8.44852 8.44859	8.45300 8.45307	8.45743	8.46182 8.46189	8.46616 8.46628	8.47046 8.47053	28 27
34	8.44867	8.45314	8.45758	8.46196	8.46630	8.47060	- ·
35 36	8.44874 8.44882	8.45322 8.45329	8.45765	8.46208 8.46211	8.46638 8.46645	8.47068 8.47075	25 24
27	8.44889	8.45227	8.45780	8.46218	8.46652	8.47082	23
38	8.44897	8.45844	8.45787	8.46225	8.46659	8.47069	22
39	8.44904	8.45352	8.45794	8.46233	8.46666	8.47096	21
40	8. 449 12	8.45359	8.45802	8.46240	8.46674	8.47103	20
41	8.44919	8.45366	8.45809	8.46247	8.46681	8.47110	19
42 43	8.44927 8.44934	8.45374 8.45381	8.45816 8.45824	8.46254 8.46262	8.46688 8.46695	8.47117 8.47124	18 17
4	8.44942	8.45889	8.45831	8.46269	8.46702	8.47132	16
45	8.44949	8.45396	8.45828	8.46276	8.46710	8.47139	15
46	8.44957	8.45408 8.45411	8.45846	8.46283 8.46291	8.46717 8.46724	8.47146 8.47153	14 18
47	8.44964 8.44972	8.45418	8.45860	8.46298	8.46731	8.47160	12
	8.44979	8.45426	8.45868	8.46805	8.46738	8.47167	11
50	8.44987	8.45433	8.45875	8.46312	8.46745	8.47174	10
51	8.44994	8.45440	8.45882	8.46320	8.46753	8.47181	اوا
52	8.45002	8.45448	8.45890	8.46327	8.46760	8.47189	8
53	8.45009	8.45455	8.45897	8.46334	8.46767	8.47196	7
54 55	8.45016 8.45024	8.45463 8.45470	8.45904	8.46341 8.46349	8.46774 8.46781	8.47203 8.47210	5
56	8.45031	8.45477	8.45919	8.46356	8.46789	8.47217	4
57	8.45039	8.45485	8.45926	8.46368	8.46796	8.47224	3
58	8.45046	8.45492	8.45934	8.46370	8.46808	8.47231	2
59	8.45054	8.45500	8.45941	8.46878	8.46810	8.47238	- 1
	8.45061	8.45507	8.45948	8.46385	8.46817	8.47245	-
	23′	22′	21'	20′	19'	18'	

"						401	"
	42'	43′	44'	45'	46′	47'	Ľ
0	8.47226	8.47650	8.48069	8.48485	8.48896	8.49304	60
	8.47233	8.47657	8.48076	8.48492	8.48903	8.49311	59
	8.47240 8.47248	8.47664 8.47671	8.48083	8.48499 8.48505	8.48910 8.48917	8.49318 8.49324	58 57
	8.47255	8.47678	8.48097	8.48512	8.48924	8.49331	56
	8.47262	8.47685	8.48104	8.48519	8.48930	8.49338	
	8.47269	8.47692	8.48111	8.48526	8.48937	8.49345	54
	8.47276	8.47699	8.48118	8.48533	8.48944	8.49351	53
	8.47283	8.47706	8.48125	8.48540 8.48547	8.48951 8.48958	8.49358 8.49365	
9	8.47290	8.47713	8.48132	5.10011	0.10000	8.2000	3,
10	8.47297	8.47720	8.48139	8.48554	8.48965	8.49372	50
11	8.47304	8.47727	8.48146	8.48561	8.48971	8.49378	49
12	8.47811	8.47734	8.48153	8.48567	8.48978	8.49385	48
	8. 473 18	8.47741	8.48160	8.48574	8.48985	8.49392	
	8.47325	8.47748	8.48167	8.48581	8.48992	8.411399	
15 16	8.47333 8.47340	8.47755 8.477 62	8.48174 8.48181	8.48588 8.48595	8.48999 8.49005	8.49405 8.49412	
	8.47847	8.47760	8.48187	8.48602	8.49012	8.49419	1
	8.47854	8.47776	8.48194	8.48609	8.49019	8.49426	
	8.47361	8.47788	8.48201	8.48616	8.49026	8.49432	41
20	8.47368	8.47790	8.48208	8.48622	8.49033	8.49439	40
21	8.47875	8.47797	8.48215	8.48629	8.49039	8.49446	39
22	8.47882	8.47804	8.48222	8.48636	8.49046	8.49452	38
	8.47389	8.47811	8.48229	8.48643	8.49053	8.49459	
	8.47396	8.47818	8.48236	8.48650	8.49060	8.49466	
25 26	8.47403 8.47410	8.47825 8.47832	8.48243 8.48250	8.48657 8.48664	8.49067 8.49073	8.49473 8.49479	35 24
	8.47417	8.47839	8.48257	8.48670	8.49080	8.49486	33
28	8.47424	8.47846	8.48264	8.48677	8.49087	8.49493	32
29	8.47432	8.47858	8.48271	8.48684	8.49094	8.49500	31
30	8.47439	8.47860	8.48278	8.48691	8.49101	8.49506	20
"	17'	16'	15'	14'	13′	12'	~

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	42′	43'	44′	45'	46'	47'	Ľ
0	8.47245	8.47669	8.48089	8.48505	8.48917	8.49325	60
1	8.47252	8.47676	8.48096	8.48512	8.48924	8.49332	
3	8.47260 8.47267	8.47683 8.47690	8.48103 8.48110	8.48519 8.48526	8.48931 8.48937	8.49339 8.49345	
4	8.47274	8.47697	8.48117	8.48533	8.48944	8.49352	
5 6	8.47281 8.47288	8.47704	8.48124	8.48540 8.48546	8.48951	8.49359 8.49366	55 54
7	8.47295	8.47719	8.48138	8.48553	8.48965	8.49372	1 I
8	8.47302	8.47726	8.48145	8.48560	8.48972	8.49379	52
,	8.47809	8.47733	8.48152	8.48567	8.48978	8.49386	51
10	8.47316	8.47740	8.48159	8.48574	8.48985	8.49393	50
11	8.47323	8.47747	8.48166	8.48581	8.48992	8.49399	49
12	8.47330 8.47338	8.47754	8.48173 8.48180	8.48588	8.48999 8.49006	8.49406	48 47
14	8.47345	8.47768	8.48180	8.48595 8.48602	8.49000	8.49413	#
15	8.47352	8.47775	8.48194	8.48608	8.49013	8.49420 8.49426	45
	8.47359	8.47782	8.48200	8.48615	8.49026	8.49433	44
17	8.47366	8.47789	8.48207	8.48622	8.49033	8.49440	43
18	8.47373	8.47796	8.48214	8.48629	8.49040	8.49447	42
19	8.47380	8.47803	8.48221	8.48636	8.49047	8.49453	41
20	8.47387	8.47810	8.48228	8.48643	8.49058	8.49460	40
	8.47394	8.47817	8.48235	8.48650	8.49060	8.49467	39
22	8.47401	8.47824	8.48242	8.48657	8.49067	8.49474	38
23	8.47408	8.47831	8.48249	8.48663	8.49074	8.49480	37
24	8.47415	8.47838	8.48256	8.48670	8.49081	8.49487	36
25 26	8.47423	8.47845	8.48263	8.48677	8.49087	8.49494	35
	8.47430	8.47852	8.48270	8.48684	8.49094	8.49501	84
27 28	8.47437	8.47859	8.48277	8.48691	8.49101	8.49507	33
29	8.47444 8.47451	8.47866 8.47873	8.48284 8.48291	8.48698 8.48705	8.49108 8.49115	8.49514 8.49521	32 21
	8.47458	8.47880	8.48298	8.48711	8.49121	8.49528	30
-		*******					
"	17'	16'	15'	14'	13'	12'	″

,							
"	42'	43′	44'	45'	46′	47'	
30	8.47439	8.47860	8.48278	8.48691	8.49101	8.49506	30
	8.47446	8.47867	8.48284	8.48698	8.49107	8.49513	
	8.47453	8.47874	8.48291	8.48705	8.49114	8.49520	
- 1	8.47460	8.47881	8.48298	8.48712	8.49121	8.49527	27
	8.47467	8.47888	8.48305	8.48718	8.49128	8.49533	26
	8.47474 8.47481	8.47895 8.47902	8.48312 8.48319	8.48725	8.49135 8.49141	8.49540 8.49547	25 24
							1
	8.47488	8.47909 8.47916	8.48326 8.48333	8.48739 8.48746	8.49148 8.49155	8.49553 8.49560	23 22
	8.47495 8.47502	8.47923	8.48340	8.48753	8.49162	8.49567	21
39	0.21302	0.41520	0.10010	0.40100	0.20102	0.2000	
40	8.47509	8.47930	8.48347	8.48760	8.49169	8.49574	20
41	8.47516	8.47937	8,48354	8.48766	8.49175	8,49580	19
	8.47528	8.47944	8.48361	8.48773	8.49182	8.49587	18
43	8.47530	8.47951	8.48367	8.48780	8.49189	8.49594	17
44	8.47537	8.47958	8.48374	8.48787	8.49196	8.49601	16
	8.47544	8.47965	8.48381	8.48794	8.49202	8.49607	15
46	8.47551	8.47972	8.48388	8.48801	8.49209	8.49614	14
47	8.47558	8.47979	8.48395	8.48807	8.49216	8.49621	13
	8.47565	8.47986	8.48402	8.48814	8.49223	8.49627	12
49	8.47572	8.47993	8.48409	8.48821	8.49230	8.49684	11
50	8.47580	8.48000	8.48416	8.48828	8.49236	8.49641	10
51	8.47587	8.48007	8.48428	8.48835	8.49243	8.49648	9
	8.47594	8.48014	8.48430	8.48842	8.49250	8.49654	8
	8.47601	8.48021	8.48437	8.48849	8.49257	8.49661	7
54	8.47608	8.48028	8.48443	8.48855	8.49263	8.49668	6
	8.47615	8.48035	8.48450	8.48862	8.49270	8.49674	
56	8.47622	8.48041	8.48457	8.48869	8.49277	8.49681	4
57	8.47629	8.48048	8.48464	8.48876	8.49284	8.49688	3
58	8.47636	8.48055	8.48471	8.48883	8.49290	8.49694	2
59	8.47643	8.48062	8.48478	8.48889	8.49297	8.49701	ı
60	8.47650	8.48069	8.48485	8.48896	8.49304	8.49708	9
	17'	16'	15'	14'	13′	12'	"

"	1						"
	42'	43′	44'	45'	46'	47'	ĽI
30	8.47458	8.47880	8.48298	8.48711	8.49121	8.49528	30
	8.47465	8.47887	8.48305	8.48718	8.49128	8.49534	29
32 83	8.47472 8.47479	8.47894 8.47901	8.48311 8.48318	8.48725 8.48782	8.49135 8.49142	8.49541 8.49548	28 27
	8.47486	8.47908	8.48325	8.48729	8.49149	8.49555	26
	8.47493	8.47915	8.48332	8.48746	8.49155	8.49561	25
36	8.47500	8.47922	8.48389	8.48753	8.49162	8.49568	24
	8. 4750 7	8.47929	8.48346	8.48760	8.49169	8.49575	23
38		8.47936	8.48353	8.48766	8.49176	8.49581	22
39	8.47521	8.47943	8.48360	8.48773	8.49183	8.49588	21
40	8.47528	8.47950	8.48367	8.48780	8.49189	8.49595	20
41	8.47536	8.47957	8.48374	8.48787	8.49196	8.49602	19
42		8.47964	8.48381	8.48794	8.49203	8.49608	18
43	8.47550	8.47971	8.48388	8.48801	8.49210	8.49615	17
44	8.47557	8.47978	8.48395	8.48808	8.49217	8.49622	16
45 46	8.47564 8.47571	8.47985 8.47992	8.48401 8.48408	8.48814	8.49223	8.49629 8.49635	15 14
	8.47578	8.47999	8.48415				I I
	8.47585	8.48006	8.48422	8.48828 8.48825	8.49287 8.49244	8.49642 8.49649	18 12
	8.47592	8.48013	8.48429	8.48842	8.49250	8.49655	ii
50	8.47599	8.48020	8.48436	8.48849	8.49257	8.49662	10
51	8.47606	8.48026	8.48443	8.48855	8.49264	8.49669	اوا
52	8.47613	8.48033	8.48450	8.48862	8.49271	8.49676	8
	8.47620	8.48040	8.48457	8.48869	8.49278	8.49662	7
54	8.47627	8.48047	8.48464	8.48876	8.49284	8.49689	6
55 56	8.47634 8.47641	8.48054 8.48061	8.48471 8.48477	8.48883	8.49291	8.49696	5
1				8.48890	8.49298	8.40702	1
	8.47648 8.47655	8.48068 8.48075	8.48484 8.48491	8.48896 8.48903	8.49305 8.49311	8.49709 8.49716	. 2
59	8.47662	8.48082	8.48498	8.48910	8.49318	8.49723	î
60	8.47669	8.48089	8.48505	8.48917	8.49325	8.49729	0
"	17'	16'	15'	14'	13′	12'	*

cotg 88°

<u>"</u>	48'	49′	50′	51'	52 ′	53 ′	
0	8.49708	8.50108	8.50504	8.50897	8.51287	8.51673	60
	8.49715	8.50115	8.50511	8.50904	8.51293	8.51679	
	8.49721 8.49728	8.50121 8.50128	8.50518 8.50524	8.50910 8.50917	8.51300	8.51685 8.51692	58 57
"	8.49785	8.50135	8.50531	8.50923	8.51313	8.51698	٠.
5	8.49741	8.50141	8.50587	8.50930	8.51319	8.51705	
II -	8.49748	8.50148	8.50544	8.50936	8.51325	8.51711	54
7	8.49755	8.50154	8.50550	8.50943	8.51332	8.51717	53
	8.49761 8.49768	8.50161 8.50168	8.50557 8.50564	8.50949 8.50956	8.51338 8.51345	8.51724 8.51730	52 51
"		0.00100	0.00002	0.00550	8.01010		٠. ا
10	8.49775	8.50174	8.50570	8.50968	8.51351	8.51737	50
	8.49781	8.50181	8.50577	8.50969	8.51358	8.51743	49
	8.49788	8.50188	8.50583	8.50976	8.51364	8.51749	48
1	8.49795	8.50194	8.50590	8.50982	8.51371	8.51756	
14	8.49802 8.49808	8.50201 8.50207	8.50596	8.50989 8.50995	8.51377	8.51762 8.51769	46 45
	8.49815	8.50214	8.50610	8.51002	8.51390	8.51775	
81 .	8.49822	8.50221	8.50616	8.51008	8.51396	8.51781	43
	8.49828	8.50227	8.50623	8.51015	8.51408	8.51788	42
19	8.49835	8.50234	8.50629	8.51021	8.51409	8.51794	41
20	8.49842	8.50241	8.50636	8.51028	8.51416	8.51801	40
21	8.49848	8.50247	8.50642	8.51034	8.51422	8.51807	39
22	8.49855	8.50254	8.50649	8.51041	8.51429	8.51813	38
23	8.49862	8.50260	8.50655	8.51047	8.51435	8.51820	37
24	8.49868	8.50267	8.50662	8.51054	8.51442	8.51826	36
	8.49875 8.49882	8.50274 8.50280	8.50669 8.50675	8.51060 8.51067	8.51448 8.51454	8.51832 8.51839	35 24
	8.49888	8.50287	8.54682	8.51073	8.51461	8.51845	33
28	8.49895	8.50293	8.50688	8.51080	8.51467	8.51852	32
29	8.49902	8.50300	8.50695	8.51086	8.51474	8.51858	81
30	8.49908	8.50307	8.50701	8.51092	8.51480	8.51864	30
"	11'	10'	9′	8′	7'	6′	"

"	48'	49'	50′	51'	52 ′	53′	"
0	8.49729	8.50120	8.50527	8.50920	8.51310	8.51696	60
1		8.50136	8.50533	8.50927	8.51316	8.51703	59
2	8.49748 8.49749	8.50143 8.50150	8.50540	8.50933	8.51323	8.51709	58
1	8.49756	8.50156	8.50546 8.50553	8.50940 8.50946	8.51329 8.51336	8.51715 8.51722	57 56
	8.49763	8.50163	8.50560	8.50953	8.51842	8.51728	55
	8.49769	8.50170	8.50566	8.50959	8.51349	8.51735	54
	8.49776	8.50176	8.50578	8.50966	8.51355	8.51741	53
	8.49783	8.50183	8.50579	8.50972	8.51361	8.51747	52
9	8.49790	8.50190	8.50586	8.50979	8.51368	8.51754	51
10	8.49796	8.50196	8.50593	8.50985	8.51374	8.51760	50
11	8.49803	8.50203	8.50599	8.50992	8.51381	8.51767	49
	8.49610	8.50209	8.50606	8.50998	8.51387	8.51778	48
13	8.49816	8.50216	8.50612	8.51005	8.51394	8.51779	
14	8.49823	8.50223	8.50619	8.51011	8.51400	8.51786	46
	8.49830 8.49836	8.50229 8.50226	8.50625 8.50632	8.51018 8.51024	8.51407	8.51792 8.51799	45 44
н	8.49843	8.50243	8.50639	8.51021	8.51420	8.51805	1
	8.49850	8.50249	8.50645	8.51037	8.51426	8.51811	42
	8.49657	8.50256	8.50652	8.51044	8.51432	8.51818	
20	8.49863	8.50263	8.50658	8.51050	8.51439	8.51824	40
21	8.49870	8.50269	8,50665	8.51057	8.51445	8.51831	39
22	8.49877	8.50276	8.50671	8.51068	8.51452	8.51837	38
23	8.49883	8.50282	8.50678	8.51070	8.51458	8.51843	87
24	8.49890	8.50289	8.50684	8.51076	8.51465	8.51850	36
25 26	8.49697 8.49908	8.50296 8.50302	8.50691 8.50698	8.51083 8.51089	8.51471 8.51478	8.51856 8.51862	85
27	8.49910	8.50302	8.50704			8.51869	I I
	8.49917	8.50309	8.50711	8.51096 8.51102	8.51484 8.51490	8.51875	83 82
	8.49923	8.50322	8.50717	8.51109	8.51497	8.51882	81
30	8.49930	8.50329	8.50724	8.51115	8.51508	8.51888	30
"	11'	10'	9'	8′	7'	6′	"

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″	48′	49'	50'	51'	52 ′	53'	Ľ
30	8.49908	8.50307	8.50701	8.51092	8.51480	8.51864	30
	8.49915 8.49922	8.50318 8.50320	8.50708	8.51009	8.51487 8.51493	8.51871	29
32 33	8.49928	8.50326	8.50714 8.50721	8.51105	8.51499	8.51877 8.51882	28 27
	8.49935	8.50333	8.50728	8.51118	8.51506	8.51890	
35	8.49942 8.49948	8.50340 8.50346	8.50734	8.51125	8.51512	8.51896	
	8.49955	8.50358	8.50741	8.51131	8.51519	8.51903	1
	8.49962	8.50860	8.50754	8.51138 8.51144	8.51525 8.51532	8.51909 8.51915	
	8.49968	8.50866	8.50760	8.51151	8.51538	8.51922	
40	8.49975	8.50272	8.50767	8.51157	8.51544	8.51928	20
41	8.49982	8.50879	8,50773	8.51164	8.51551	8.51924	19
	8.49988	8.50386	8.50780	8.51170	8.51557	8.51941	18
43	8. 4999 5	8.50392	8.50786	8.51177	8.51564	8.51947	17
	8.50002	8.50899	8.50793	8.51188	8.51570	8.51953	16
45 46	8.50008 8.50015	8.50406 8.50412	8.50799 8.50806	8.51190 8.51196	8.51576	8.51960	15
H I	8.50022	8.50419	8.50613	8.51208	8.51589	8.51966	14
	8.50028	8.50425	8.50819	8.51209	8.51596	8.51973 8.51979	12
	8.500\$5	8.50432	8.50826	8.51216	8.51602	8.51985	iī
50	8.50042	8.50439	8.50832	8.51222	8.51609	8.51992	10
51	8.50048	8.50445	8.50839	8.51229	8.51615	8.51998	9
	8.50055	8.50452	8.50845	8.51235	8.51621	8.52004	8
41	8.50061	8.50458	8.50852	8.51241	8.51628	8.52011	7
54	8.50068	8.50465	8.50858	8.51248	8.51634	8.52017	6
	8.50075 8.50081	8.50472 8.50478	8.50865 8.50871	8.51254 8.51261	8.51641 8.51647	8.52023	5
B 1	8.50088	8.50485	8.50878	8.51267	8.51653	8.52036	3
	8.50095	8.50401	8.50884	8.51274	8.51660	8.52042	2
	8.50101	8.50498	8.50891	8.51280	8.51666	8.52949	ī
60	8.50108	8.50504	8.50997	8.51287	8.51673	8.52055	0
"	11'	10'	9′	8′	7'	6'	"

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"	48'	49'	50'	5 <u>1</u> ′	52 ′	53′	"
30	8.49930	8.50329	8.50724	8.51115	8.51503	8.51888	30
	8.49937	8.50335	8.50730	8.51122	8.51510	8.51894 8.51901	29
	8.49943 8.49950	8.50342 8.50349	8.50737 8.50743	8.51128 8.51135	8.51516 8.51523	8.51901	28 27
	8.49957	8.50355	8.50750	8.51141	8.51529	8.51914	26
	8.49963 8.49970	8.50362 8.50368	8.50757	8.51148 8.51154	8.51536 8.51542	8.51920 8.51926	25 24
37	8.49977	8.50375	8.50770	8.51161	8.51548	8.51933	23
	8.49983 8.49990	8.50382 8.50388	8.50776 8.50783	8.51167 8.51174	8.51555 8.51561	8.51939 8.51945	22 21
"							
40	8.49997	8.50395	8.50789	8.51180	8.51568	8.51952	20
1	8.50003	8.50401	8.50796	8.51187	8.51574	8.51958	19
	8.50010 8.50017	8.50408 8.50415	8.50802 8.50809	8.51193 8.51200	8.51581 8.51587	8.51964 8.51971	18 17
44	8.50023	8.50421	8.50815	8.51206	8.51593	8.51977	16
	8.50030 8.50037	8.50428 8.50434	8.50822 8.50829	8.51213 8.51219	8.51600 8.51606	8.51984 8.51990	15 14
	8.50043	8.50441	8.50835	8.51226	8.51618	8.51996	13
	8.50050	8.50448 8.50454	8.50842 8.50848	8.51232 8.51239	8.51619 8.51626	8.52003 8.52009	12 11
49	8.50057						l I
50	8.50063	8.50461	8.50855	8.51245	8.51632	8.52015	10
51	8.50070	8.50467	8.50861	8.51252	8.51638	8.52022	9
52 53	8.50077 8.50083	8.50474 8.50481	8.50868 8.50874	8.51258 8.51264	8.51645 8.51651	8.52028 8.52035	8
54	8.50090	8.50487	8.50881	8.51271	8.51658	8.52041	6
55 56	8.50097 8.50103	8.50494 8.50500	8.50887 8.50894	8.51217 8.51284	8.51664 8.51670	8.52047	5
57	8.50110	8,50507	8.50900	8.51290	8.51677	8.52060	1 - 1
58	8.50117	8.50514	8.50907	8.51297	8.51683	8.52066	2
59	8.50123	8.50520	8.50913	8.51303	8.51690	8.52078	
60	8.50130	8.50527	8.50920		1 010100		
	11'	10'	9′	8′	7'	6′	"

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"	54'	55'	56′	57'	58′	59'	
Ø	8.52055	8.52434	8.52810	8.58188	8.53552	8.53919	60
	8.52061	8.52441	8.52816	8.53189	8.53558	8.53925	59
	8.52068 8.52074	8.52447 8.52458	8.52823	8.58195 8.58201	8.53565 8.53571	8.53931 8.53937	58 57
	8.52081	8.52459	8.52835	8.53208	8,53577	8.53943	
	8.52087	8.52466	8.52841	8.58214	8.53583	8.53949	55
6	8.52093	8.52472	8.52848	8.53220	8.53589	8.53955	54
	8.52100	8.52478	8.52854	8.53226 8.53232	8.53595 8.53601	8.53961 8.53967	53 52
	8.52106 8.52112	8.52485 8.52491	8.52860 8.52866	8.52232	8.53607	8.53973	51
1							
10	8.52119	8.52497	8.52872	8.53245	8.53614	8.53979	50
11	8.52125	8.52503	8.52879	8.58251	8.53620	8.53985	49
	8.52131	8.52510	8.52885	8.53257	8.53626	8.53992	
13	8. 5213 8	8.52516	8.52891	8.53268	8.53632	8.53998	47
14 15	8.52144 8.52150	8.52522 8.52529	8.52897 8.52904	8.58269 8.58275	8.53638 8.53644	8.54004 8.54010	46 45
	8.52157	8.52535	8.52910	8.53282	8.58650	8.54016	
17	8.52163	8.52541	8.52916	8.53288	8.53656	8.54022	43
	8.52169	8.52547	8.52922	8.53294	8.53663	8.54028	42
19	8.52176	8.52554	8.52929	8.53300	8.53669	8.54034	41
20	8.52182	8.52560	8.52935	8.53306	8.53675	8.54040	40
21	8.52188	8.52566	8.52941	8.53812	8.53681	8.54046	39
22	8.52195	8.52572	8.52947	8.53319	8.53687	8.54052	38
23	8.52201	8.52579	8.52953	8.53325	8.53693	8.54058	37
24	8.52207	8.52585	8.52960	8.53331 8.53337	8.53699 8.53705	8.54064 8.54070	36 35
25 26	8.52214 8.52220	8.52591 8.52598	8.52966 8.52972	8.53343	8.53711	8.54076	34
27	8.52226	8.52604	8.52978	8.58349	8.53718	8.54082	33
28	8.52282	8.52610	8.52984	8.53356	8.53724	8.54089	32
29	8.52239	8.52616	8.52991	8.53362	8.53730	8.54095	31
30	8.52245	8.52623	8.52997	8.53368	8.53736	8.54101	30
"	5′	4′	3′	2′	ľ	0'	"
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	54'	55′	56′	57′	58′	59'	Ľ
Ü	8.52079	8.52459	8.52835	8.53208	8.53578	8.53945	60
	8.52085	8.52465	8.52841	8.53214	8.53584	8.53951	59
	8.52092	8.52471	8.52847	8.53220	8.53590	8.53957	58
W - 1	8.52098	8.52477	8.52854	8.53227	8.53596	8.53963	57
	8.52104	8.52484	8.52860	8.53233	8.53602	8.53969	
	8.52111	8.52490	8.52866	8.53239	8.53609	8.53975	
R ~	8.52117	8.52496	8.52872	8.53245	8.53615	8.53981	54
	8.52123	8.52503	8.52879	8.53251	8.53621	8.53987	53
	8.52130	8.52509	8.52885	8.53257	8.53627	8.53993	52
9	8.52136	8.52515	8.52891	8.53264	8.53633	8.53999	51
10	8.52148	8.52522	8.52897	8.53270	8.53639	8.54005	50
11	8.52149	8.52528	8,52904	8.53276	8,53645	8.54012	49
	8.52155	8.52534	8.52910	8.53282	8.58651	8.54018	
	8.52162	8.52540	8.52916	8.53288	8.53658	8.54024	
14	8.52168	8.52547	8.52922	8.53295	8.53664	8.54030	46
	8.52174	8.52558	8.52928	8.53301	8.53670	8.54036	
16	8.52181	8.52559	8.52935	8.53307	8.53676	8.54042	44
17	8.52187	8.52566	8.52941	8.53313	8.53682	8.54048	43
18	8.52198	8.52572	8.52947	8.53319	8.53688	8.54054	42
19	8.52200	8.52578	8.52953	8.53325	8.53694	8.54060	41
20	8.52206	8.52584	8.52960	8.53332	8.53700	8.54066	40
21	8.52212	8.52591	8.52966	8.53338	8.53707	8.54072	39
	8.52219	8.52597	8.52972	8.53344	8.53713	8.54078	
23	8.52225	8.52603	8.52978	8.53350	8.53719	8.54084	37
	8.52231	8.52610	8.52985	8.53356	8.53725	8.54091	36
25	8.52238	8.52616	8.52991	8.53362	8.53731	8.54097	35
26	8. 52244	8.52622	8.52997	8.53369	8.53737	8.54103	84
27	8.52250	8.52628	8.53003	8.58375	8.53743	8.54109	
	8.52257	8.52635	8.53009	8.53381	8.53749	8.54115	
29	8.52268	8.52641	8.53016	8.53387	8.53756	8.54121	31
80	8.52269	8.52647	8.53022	8.53393	8.53762	8.54127	30
"	5′	4'	3′	2′	1'	0'	"

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″	54'	55'	56'	57'	58'	59'	
30	8.52245	8.52623	8.52997	8.53368	8.58736	8.54101	30
	8.52251	8.52629	8.53003	8.58874	8.53742	8.54107	29
	8.52258 8.52264	8.52683 8.52641	8.53009 8.53016	8.53380 8·53386	8.53748 8.53754	8.54113 8.54119	28 27
	8.52270	8.52648	8.53022	8.58393	8.53760	8.54125	26
	8.52277 8.52283	8.52654 8.52660	8.53028 8.53034	8.53399 8.53405	8.53766 8.53772	8.54131 8.54137	25 24
	8.52289	8.52666	8.53040	8.53411	8.53779	8.54143	23
	8.52296 8.52302	8.52678 8.52679	8.53047 8.53053	8.53417 8.53423	8.53785 8.53791	8.54149 8.54155	22 21
	8.52306	8.52685	8.53059	8.53429	8.53797	8.54161	20
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	8.52315 8.52321	8.52691 8.52698	8.53065	8.53436 8.53442	8.53808	8.54167 8.54172	19
	8.52327	8.52704	8.53078	8.53448	8.53815	8.54179	iĩ
	8.52334	8.52710	8.53084	8.53454	8.53821	8.54185	16
	8.52840	8.52717	8.53090	8.58460	8.53827 8.53833	8.54191	15
J I	8.52346	8.52723	8.58096 8.58102	8.53466	8.52840	8.54197 8.54203	14
	8.52352 8.52359	8.52729 8.52725	8.53109	8.53472	8.52846	8.54210	12
	8.52365	8.52742	8.53115	8.53485	8.53852	8.54216	iī
50	8.52371	8.52748	8.53121	8.53491	8.53858	8.54222	10
51	8.52378	8.52754	8.58127	8.53497	8.53864	8.54228	9
	8.52384	8.52760	8.53133	8.53502	8.53870	8.54234	8
	8.52390	8.52766	8.53140	8.53509	8.53876	8.54240	7
	8.52397	8.52778	8.53146	8.53515	8.53882	8.54246	6
	8.52403	8.52779	8.58152	8.53522	8.53888	8.54252	5
1	8.52409	8.52785	8.53158	8.53528	8.53894	8.54258	4
	8.52415	8.52791	8.58164	8.58534	8.58900	8.54264	3 2
58 59	8.52422 8.52428	8.52798 8.52804	8.53170 8.53177	8.53546 8.53546	8.53906	8.54276 8.54276	ĺí
H I	8.52434	8.52810	8.53183	8.53552	8.53919	8.54282	U
"	5'	4'	3′	2'	l'	O'	"

"	54	55'	56'	57'	58′	59′	"
30	8.52269	8.52647	8.53022	8.53393	8.53762	8.54127	80
	8.52276	8.52653	8.53028	8.53399	8.53768	8.54133	29
	8.52282 8.52288	8.52660 8.52666	8.53034 8.53040	8.53406	8.53774	8.54139 8.54145	28 27
	8.52295	8.52672	8.58047	8.53418	8.53786	8.54151	26
	8.52301	8.52679	8.53053	8.53424	8.53792	8.54157	25
	8.52307	8.52685	8.53059	8.58430	8.53798	8.54163	24
	8.52313	8.52691	8.53065	8.53436	8.53804	8.54169	23
	8.52320	8.52697	8.53072	8.53443	8.53811	8.54175	22
39	8.52326	8.52704	8.53078	8.53449	8.53817	8.54181	21
40	8.52332	8.52710	8.53084	8.53455	8.53823	8.54187	20
41	8.52339	8.52716	8.53090	8.53461	8.53829	8.54194	19
	8.52345	8.52722	8.53096	8.53467	8.53835	8.54200	18
43	8.52351	8.52729	8.53103	8.53478	8.53841	8.54206	17
	8.52358	8.52725	8.53109	8.53480	8.58847	8.54212	16
45	8.52364	8.52741	8.53115	8.53486	8.53853	8.54218	15
	8.52370	8.52747	8.53121	8.53492	8.53859	8.54224	14
	8.52377	8.52754	8.53127	8.53498	8.53865	8.54230	13
	8.52383	8.52760	8.58134	8.53504	8.53872	8.54236	12
49	8.52389	8.52766	8.53140	8.53510	8.53878	8.54242	11
50	8.52396	8.52772	8.53146	8.53516	8.53884	8.54248	10
51	8.52402	8.52779	8.53152	8.53523	8.53890	8.54254	9
52	8.52408	8.52785	8.53158	8.53529	8.53896	8.54260	8
53	8.52414	8.52791	8.53165	8.53535	8.53902	8.54266	7
54	8.52421	8.52797	8.53171	8.53541	8.53908	8.54272	6
55	8.52427	8.52804	8.53177	8.53547	8.53914	8.54278	5
	8.52433	8.52810	8.53183	8.53553	8.53920	8.54284	4
57	8.52440	8.52816	8.53189	8.53559	8.52926	8.54290	8
	8.52446	8.52822	8.53196	8.53566	8.53932	8.54296	2
	8.52452	8.52829	8.53202	8.53572	8.53939	8.54302	1
60	8.52459	8.52835	8.53208	8.53578	8.53945	8.54308	0
"	5′	4'	3′	2'	l'	0'	"

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0	어	8.54282	8.54308	0	60	5	0	8.56054	8.56068	0	55
	10	8.54342	8.54369	50		1	10	8.56112	8.56141	50	
	20	8.54402	8.54429	40		1	20	8.56170	8.56199	40	1
	30	8.54462	8.54489	30		ı	30	8.56227	8.56256	30	
	40	8.54522	8.54549	20		1	40		8.56314	20	
	50	8.54582	8.54609	10	H	1	50	8.56342	8.56372	110	1 1
1	0	8.54642	8.54669	0	59	6	0	8.56400	8.56429	0	54
	10	8.54702	8.54729	50			10	8.56457	8.56487	50	
	20	8.54762	8.54789	40		1	20	8.56515	8.56544	40	
	30	8.54821	8.54848	30			30	8.56572	8.56601	30	
	40	8.54881	8.54908	20			40	8.56629	8.56659	20	
	50	8.54940	8.54967	10			50	8.56686	8.56716	10	
2	0	8.54999	8.55027	0	58	7	0	8.56743	8.56773	0	53
	10	8.55059	8.55086	50		1	10	8.56800	8.56830	50	
	20	8.55118	8.55145	40	ll	1	20	8.56857	8.56887	40	
	20	8.55177	8.55205	30		1	30	8.56914	8.56944	30	
	40	8.55236	8.55264	20		1	40	8.56970	8.57000	20	
l	50	8.55295	8.55323	10			50	8.57027	8.57057	10	1
3	0	8.55854	8.55382	0	57	8	0	8.57084	8.57114	0	52
	10	8.55413	8.55441	50			10	8.57140	8.57170	50	
	20	8.55471	8.55499	40	ı	1	20	8.57196	8.57227	40	
	30	8.55530	8.55558	30		1	30	8.57253	8.57283	30	
	40	8.55589	8.55617	20	1 1	1	40	8.57309	8.57340	20	ŀ
	50	8.55647	8.55675	10			50	8.57365	8.57896	10	
4	0	8.55705	8.55734	0	56	9	0	8.57421	8.57452	0	51
	10	8.55764	8.55792	50	1	1	10		8.57508	50	1
A	20	8.55822	8.55850	40	1		20		8.57564	40	li
l	30	8.55880	8.55909	30	[]	1	80	8.57589	8.57620	30	
i i	40	8.55938	8.55967	20			40	8.57645	8.57676	20	1
ı	50	8.55996	8.56025	10			50	8.57701	8.57782	10	
5	0	8.56054	8.56083	0	55	10	0	8.57757	8.57788	0	50
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10	9	8.57757	8.57788	0	50	15	0	8.59395	8.59428	0	45
	10	8.57812	8.57843	50		1	10	8.59448	8.59482	150	
1 1	20	8.57868	8.57899	40			20	8.59502	8.59536	140	i
1 1	30	8.57928	8.57955	30			30	8.59555	8.59589	30	1
	40	8.57979	8.58010	20		1	40	8.59609	8.59642	20	1
1 1	50	8.58034	8.58065	ĩõ			50	8.59662	8.59696	10	
11	0	8.58089	8.58121	0	49	16	0	8.59715	8.59749	0	44
	10	8.58144	8.58176	50			10	8.59768	8.59802	50	
1 1	20	8.58200	8.58231	40		1	20	8.59821	8.59856	40	
ı	20	8.58255	8.58286	30		1	30	8.59874	8.59909	30	1
1 1	40	8.58310	8.58341	20		l	40	8.59927	8.59962	20	
	50	8.58364	8.58396	10			50		8.60015	10	
12	9	8.58419	8.58451	0	48	17	0	8.60033	8.60068	0	43
1	10	8.58474	8.58506	50			10	8,60086	8.60121	50	
1 1	20	8.58529	8.58561	40			20	8.60139	8,60173	40	
1 1	30	8.58583	8.58616	80			34	8.60191	8,60226	30	
1	40	8.58638	8.58670	20			40	8.60244	8.60279	20	
1	50	8.58693	8.58725	10			50	8.60296	8.60331	10	
13	o	8.58747	8.58779	0	47	18	0	8.60349	8.60384	0	42
	10	8.58801	8.58834	50			10	8,60401	8.60436	50	
	20	8.58856	8.58888	40		ı	20	8.60454	8.60489	40	
	30	8.58910	8.58943	20			30	8.60506	8.60541	180	
1	40	8.58964	8.58997	20			40	8.60558	8.60593	20	l
	50	8.59018	8.59051	10		1	50	8.60610	8.60646	10	
14	0	8.59072	8.59105	0	46	19	0	8.60662	8.60698	0	41
	10	8.59126	8.59159	50			10	8.60714	8.60750	50	
	20	8.59180	8.59213	40	l	1	20	8.60766	8.60802	40	
	30	8.59234	8.59267	30	1	ı	30	8.60818	8.60854	30	
1	40	8.59288	8.59321	20		1	40	8.60870	8.60906	20	
	50	8.59341	8.59375	10			50	8.60922	8.60958	10	
15	0	8.59395	8.59428	0	45	20	0	8.60973	8.61009	0	40
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20	9	8.60973	8.61009	0	40	25	0	8.62497	8.62535	0	35
1	10	8.61025		50			10		8.62585	50	
	20	8.61077	8.61113	40	1 1		20	8.62596	8.62635	40	
	30	8.61128	8.61164	30	li	1	30	8.62646	8.62685	30	
	40	8.61180	8.61216	20	H		40	8.62696	8.62735	20	
	50	8.61231	8.61267	10		1	50	8.62745	8.62784	10	ŀ
21	0	8.61282	8.61319	0	39	26	0	8.62795	8.62834	0	34
	10	8.61834	8.61870	50			10		8.62884	50	
	20	8.61385	8.61422	40	ı	1	20	8.62894	8.62933	40	i 1
	30	8.61436	8.61478	30		1	30	8.62943	8.62983	30	
1	40	8.61487	8.61524	20	1		40	8.62998	8.68032	20	
	50	8.61538	8.61575	10			50	8.63042	8.63081	10	1
22	9	8.61589	8.61626	0	3 8	27	0	8.63091	8.68181	0	33
	10	8.61640	8.61677	50			10	8.63140	8.63180	50	
	20	8.61691	8.61728	40	1 1	1	20	8.63189	8.63229	40	1 1
	30	8.61742	8.61779	30		1	30	8.68238	8.63278	30	
	40	8.61792	8.61830	20	1 1	1	40	8.63288	8.63328	20	1 1
	50	8.61843	8.61881	10		1	50	8.63336	8.68377	10	
28	0	8.61894	8.61931	0	37	28	0	8.63385	8.63426	0	32
	10	8.61944	8.61982	50		1	10	8.63434	8.68475	50	
R	20	8.61995	8.62083	40		1	20	8.63483	8.63523	40	1 1
4	30	8.62045	8.62083	30		ll	30		8.63572	30]
l l	40	8.62096	8.62134	20		li	40	8.63580	8.63621	20	i I
	50	8.62146	8.62184	10			50	8.63629	8.63670	10	1 1
24	0	8.62196	8.62234	0	36	29	0	8.69678	8.68718	0	31
	10	8.62246	8.62285	50	1		10	8.63726	8.63767	50	
	20	8.62297	8.62335	40		H	20	8.63775	8.63816	40	
	80	8.62347	8.62385	30		ll	30	8.63823	8.63864	30	
1	40	8.62397	8.62485	20		ll	40	8.63871	8.63913	20	1 1
	50	8.62447	8.62485	10		ll l	50	8.68920	8.63961	10	
25	0	8.62497	8.62535	0	35	30	0	8.63968	8.64009	0	30
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30	0	8.63968	8.64009	0	30	35	0	8.65391	8.65435	0	25
	10	8.64016	8.64058	50		1	10	8.65438	8.65482	50	1
1	20	8.64064	8.64106	40		l	20	8.65484	8.65529	40	
1	30	8.64112	8.64154	30			30	8.65531	8.65575	30	
1	40	8.64160	8.64202	20		ı	40	8.65577	8.65622		
	50	8.64208	8.64250	10	1	l	50	8.65624	8.65668	10	1
31	0	8.64256	8.64298	0	29	36	0	8.65670	8.65715	0	24
1	10	8.64304	8.64346	50		1	10		8.65761	50	
	20	8.64352	8.64394	40			20		8.65808	40	
1	30	8.64460	8.64442		1	I	30	8.65809	8.65854		
	40	8.64448	8.64490				40		8.65900	20	
	50	8.64495	8.64538	10		1	50	8.65901	8.65947	110	1
32	0	8.64543	8.64585	0	28	37	0	8.65947	8.65993	0	23
	10	8.64590	8.64633	150		1	10	8.65994	8.66039	50	ı
	20	8.64628	8.64681	40		ł	20	8.66040	8.66085	40) :
	30	8.64685	8.64728	30	1	I	30	8.66085	8.66131	80	
	40	8.64783	8.64776	20	Ιİ		40	8.66131	8.66177	20	
1	50	8.64780	8.64823	110	l	1	50	8.66177	8.66228	10	1
33	0	8.64827	8.64870	0	27	38	0	8.66223	8.66269	0	22
1	10	8.64875	8.64918	50			10	8.66269	8.66815	50	l
1	20	8.64922	8.64965	40			20	8.66314	8.66361	40	1
	30	8.64969	8.65012	80		1	30	8.66360	8.66406	30	
1	40	8.65016	8.65060	20		l	40	8.66406	8.66452	20	
1	50	8.65068	8.65107	10			50	8.66451	8.66498	10	1
84	o	8.65110	8.65154	0	26	39	0	8.66497	8.66548	0	21
	10	8.65157	8.65201	50			10	8.66542	8.66589	50	
1 1	20	8.65204	8.65248	40			20	8.66588	8.66634	40	
1	30	8.65251	8.65295	30		1	30	8.66633	8.66680	30	
	40	8.65296		20	ı	1	40	8.66678	8.66725	20	1
	50	8.65344	8.65388	10		1.	50	8.66724	8.66771	10	
35	9	8.65391	8.65435	0	25	40	0	8.66769	8.66816	0	20
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40	0	8.66769	8.66816	0	20	45	0	8.68104	8.68154	0	15
	10	8.66814	8.66961	50			10	8.68148	8.68198	50	
i i	20	8.66859	8.66906	40			20	8.68192	8.68242	40	
H	80	8.06904	8.66952	30		1	30	8.68236	8.68286		
	40 50	8.66949 8.66994	8.66997 8.67042	20 10	1		40	8.68279	8.68330 8.68373	20 10	
1	34	8.00391	8.07042		1		50	8.08328	8.06513	ľ	
41	0	8.67039	8.67087	0	19	46	0	8.68367	8.68417	0	14
H	10		8.67132	50			10	8.68410	8.68461	50	
	20	8.67129	8.67177	40		1	20	8.68454	8.68504	40	
	30	8.67174	8.67222	30	l		30	8.68497	8.68548	30	
H i	40	8.67219 8.67263	8.67267	20		ı	40	8.68540 8.68584	8.68592 8.68635		
H	50	8.01203	8.0/812	10			5 U	8.98381	8.05030	10	1 1
42	0	8.67308	8.67356	0	18	47	0	8.68627	8.68678	0	13
1	10	8.67353	8.67401	lso	1 1	1	10	8.68670	8.68722	150	1 1
H	20	8.67897	8.67446	40	1 1	ı	20	8.68714	8.68765	40	1 1
	30	8.67442	8.67490	80		l	30		8.68808	30	
	40	8.67486	8.67535	20	1	1	40		8.68852	20	
	50	8.67531	8.67579	10	H	11	50	8.68843	8.68895	10	1 1
43	o	8.67575	8.67624	0	17	48	0	8.68886	8.68938	0	12
	10	8.67619	8.67668	50		H	10	8.68929	8.68981	50	l
	20	8.67664	8.67718	40			20	8.68972	8.69024	40	
	80	8.67708	8.67757	80		H	30	8.69015	8.69067	30	1 1
	40	8.67752	8.67801	20		l	40	8.69058	8.69110	30	1 1
	50	8.67796	8.67846	10	1 1	1	50	8.69101	8.69158	10	
44	o	8.67841	8.67890	0	16	49	0	8.69144	8.69196	0	11
	10	8.67885	8.67934	50		1	10		8.69289	50	
	20	8.67929	8.67978	40		1	20		8.69282	40	1
ı	80	8.67978	8.68022	30			30	8.69272	8.69325	80	1
ı	40	8.68017	8.68066	20		1	40		8.69368	20	
	50	8.68060	8.68110	10	ا ـ ـ ا	١	50		8.69410	10	
45	0	8.68104	8.68154	0	15	50	0	8.69400	8.69453	0	10
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50	9	8.69400	8.69458	0	10	55	0	8.70658	8.70714	9	5
1 1	10	8.69442	8.69496	50			10	8.70699	8.70755	50	
	20	8.69485	8.69538	40		1	20	8.70740	8.70797	40	
	30	8.69527	8.69581	30		1	30	8.70781	8.70638	30	
		8.69570	8.69623	20			40	8.70823	8.70879	20	
	50	8.69612	8.69666	10		1	50	8.70864	8.70921	10	
51	0	8.09654	8.69708	0	9	56	o	8.70905	8.70962	0	4
	10	8.69697	8.69750	50			10	8.70946	8.71003	50	
	20	8.69729	8.69793	40		1	20	8.70987	8.71044	40	
	30	8.69781	8.69835	30		1	30	8.71028	8.71085	30	1
	40	8.69828	8.69877	20		li .	40	8.71069	8.71126	20	
	50	8.69865	8.69920	10		il 💮	50	8.71110	8.71167	10	
52	0	8.69907	8.69962	0	8	57	0	8.71151	8.71206	0	3
	10	8.69949	8.70004	50		ll	10	8.71192	8.71249	50	
	20	8.69991	8.70046	40		11	20	8.71 23 2	8.71290	40	
	30	8.70088	8.70068	30		11	30	8.71278	8.71331	30	
	40	8.70075	8.70130	20	l	11	40	8.71814	8.71872	20	
•	50	8.70117	8.70172	10		11	50	8.71855	8.71418	10	li
53	0	8.70159	8.70214	0	7	58	0	8.71895	8.71458	0	2
	10	8.70201	8.70256	50		li	10	8.71486	8.71494		
	20	8.70242	8.70298	40		11	20	8.71476	8.71585	40	1
	30	8.70284	8.70339	30		ll .	30	8.71517	8.71575	30	li
	40	8.70326	8.70381	20		ll .	40	8.71557	8.71616	20	
	50	8.70367	8.70423	10	l	11	50	8.71598	8.71657	10	
54	0	8.70409	8.70465	0	6	59	0	8.71688	8.71697	0	1
	10		8.70506			II	10		8.71738		
	20	8.70492	8.70548	40		11	20	8.71719	8.71778	40	
	30	8.70534	8.70589	30		H	30	8.71759	8.71819	30	
	40	8.70575	8.70681	20		ll l	140	8.71800	8.71859	20	
		8.70616	8.70678	10		11.	50	8.71840	8.71899	10	
55	0	8.70658	8.70714	0	5	60	0	8.71880	8.71940	l o	0
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0	0	8.71880	8.71940	0	60	5	0	8.73069	8.73132	0	55
	10	8.71920	8.71980	50	l		10	8.73108	8.78171	50	
	20	8.71960	8.72020	40			20	8.78147	8.73210	40	
	30 40	8.72000	8.72060	30	! !		30	8.78186	8.78249	30	
1	3	8.72040 8.72080	8.72100 8.72141	20 10]	40 50	8.73225 8.73264	8.73288	[20 110	1 1
	ľ	0.12000	0.72171		1 1	l J	-		8.10021	-	
1	9	8.72120	8.72181	0	59	6	0	8.73303	8.73366	0	54
	10	8.72160	8.72221	50			10	8.73342	8.73405	50	
	20	8.72200	8.72261			1	20	8.73380	8.73444	40	
	30 40	8.72240 8.72280	8.72301 8.72341	30 20			30 40	8.73419 8.73458	8.73483 8.73522		
		8.72320	8.72880	ĩõ		l		8.73497	8.73561	20	
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3	9	8.72859	8.72420	i -	58	7	9	8.78535	8.73600	0	53
	10	8.72299	8.72460	50	1	ł	10		8.73638	50	
	20 30	8.72439	8.72500	40			20	8.78618	8.73677	40	1 1
	40	8.72478 8.72518	8.72540 8.72579	30 20			30 40	8.73651 8.73690	8.73716 8.73754	90 20	
	50	8.72558	8.72619	10			50	8.73728	8.73798	100	1 1
3	IJ					٦	-				l
3	9	8.72597	8.72659	0		8	ľ	8.73767	8.73832	0	52
1	10		8.72698					8.73805	8.73870	60	
	20 20	8.72676	8.72738	40			20	8.73844	8.78909	8	1 1
	40	8.72716 8.72755	8.72817	30 20			80 40	8.73882 8.73920	8.73947 8.73986	20	ı
1	50	8.72794	8.72856	10		1	50	8.78959	8.74024	lie	
4	۵	8.72834	8.72896	٦	56	9		8.78997	9.74068		51
	П			ľ		١	١٦				
	10	8.72878		50			10	8.74035		50	
	20 30	8.72912 8.72951	8.72975 8.73014	40 80			20 80	8.74072 8.74112	8.74139 8 74178	40 30	ı
i i	40	8.72991	8.73053		1		40	8.74150	8 74216	20	
	50	8.73030		170				8.74188	8 74254	10	
5	d	8.73069	8.73132	0	55	10	0	8.74226	8.14292	0	50
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10	P	8.74226	8.74292	0	50	15	0	8.75353	8.75428] 0	45
	10	8.74264	8.74830	50			10	8.75390	8.75460	50	
	20	8.74302	8.74369	40			20	8.75427	8.75497	40	1
	30	8.74340	8.74407	30	1		80	8.75464	8.75534	80	4
	40	8.74378	8.74445	20	l		40	8.75501	8.75571	20	
	50	8.74416	8.74483	10	1		50	8.75538	8.75608	10	
11		0.50050	0.54501		49	عدا			0.000	١.	
11	9	8.74454	8.74521	v	49	10	9	8.75575	8.75645	10	44
	10	8.74491	8.74559	SO.	1 1		10	8.75612	8.75682	150	l i
	20	8.74529	8.74597	40		ı	20	8.75648	8.75719	40	1
	aol	8.74567	8.74634			1	30	8.75685	8.75756	30	1 -1
	40	8.74605	8.74672	20	1	1	40	8.75722	8.75798	20	
	50	8.74642	8.74710	10			50	8.75759	8.75830	lio	
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12	U	8.74680	8.74748	0	48	17	0	8.75795	8.75867] 0	43
	10	8.74718	8.74786	50	l		10	8.75832	8.75904	ka	1 1
	20	8.74755	8.74828	40	1 1		20	8.75869	8.75940	40	
	20	8.74798	8.74861	30	1 1		30	8.75905	8.75977	lan	1 1
	40	8.74831	8.74809	20	1 1		40	8.75942	8.76014	20	ı
	50	8.74868	8.74936	10			50	8.75979	8.76051	10	1
18	0	8.74906	8.74974	0	47	18	0	8.76015	8.76087	0	42
	10	8.74948	8.75012	50	1		10	8.76052	8.76124	50	
	20	8.74980	8.75049	40			20		8.76160	40	
	30	8.75018	8.75087	20		1	80	8.76125	8.76197	lao	1 1
R	40	8.75055	8.75124	20			40	8.76161	8.76233		1
8	50	8.75092	8.75162	10	1		50	8.76197	8.76270	10	
14	0	8.75130	8.75199	0	46	19	0	8.76234	8.76306	0	41
	10	8.75167	8.75236	50			10	8.76270	8.76343	50	li
	20	8.75204	8.75274	40	1 1		20	8.76306	8.76379	40	()
1	30	8.75241	8.75311	30		1	30	8.76343	8.76416	30	1 1
	40	8.75279	8.75348	20		1	40	8.76379	8.76452	20	ı
8	50	8.75316	8.75385	10		1	50	8.76415	8.76488	10	1
15	0	8.75353	8.75428	0	45	20	0	8.76451	8.76525	0	40
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20	o	8.76451	8.76525	0	40	25	0	8.77522	8.77600	0	35
	10	8.76487	8.76561	50			10	8.77558	8.77635	50	
	20	8.76523	8.76597	40			20	8.77593	8.77670	40	
	30	8.76559	8.76633	30 20		1	30	8.77628	8.77706	30 20	
	40 50	8.76595 8.76631	8.76669 8.76706	10		1	40 50	8.77663 8.77698	8.77741 8.77776	10	
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21	0	8.76667	8.76742	0	39	26	9	8.77733	8.77811	l º	34
	10		8.76778	50			10		8.77847	50	
	20	8.76739	8.76814	40		1	20	8.77803	8.77882	40	
	3 0 4 0	8.76775 8.76811	8.76850 8.76886	30 20		1	30 40	8.77838 8.77873	8.77917 8.77952	30 20	
	50	8.76847	8.76922	lĩo		1	50	8.77908	8.77987	lĩo	
22	0		8.76958	0	38	27		8.77943	8.78022	0	33
		0.76010	8.76994	50		1	١. ا	0 22020	8.78057	50	
	10 20	8.76919 8.76954	8.77030	40		1	10 20	8.77978 8.78013	8.78092	40	
	30	8.76990	8.77065	30		ı	30	8.78048	8.78127	30	
	40	8.77026	8.77101	20		l	40	8.78083	8.78162	20	
	50	8.77061	8.77137	10		1	50	8.78118	8.78197	10	
23	0	8.77097	8.77173	0	37	28	0	8.78152	8.78232	0	32
	10	8.77133	8.77208	50		1	10	8.78187	8.78267	50	
	20	8.77168	8.77244	40		1	20	8.78222	8.78302	40	
	30	8.77204	8.77280	30	1	ı	30	8.78257	8.78337	30	
H	40 50	8.77239 8.77275	8.77315 8.77351	20 10		1	40 50	8.78291 8.78326	8.78371 8.78406	20 10	
	ου	8.11213	0.11001			ı		0.10020	0.10100	ľ	
24	0	8.77310	8.77387	,0	36	29	0	8.78360	8.78441	0	31
	10	8.77346	8.77422	50			10	8.78395	8.78475	50	
		8.77381	8.77458	40			20	8.78430	8.78510	40	
	30	8.77416	8.77493	30 20		1	30	8.78464	8.78545	30 20	
	40 50	8.77452 8.77487	8.77529 8.77564	lio		il	40 50	8.78499 8.78533	8.78579 8.78614	lĩo	
25	0	8.77522	8.77600		35	30	1		8.78649		30
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30	0	8.78568	8.78649	0	30	35	9	8.79588	8.79673	0	25
	10	8.78602	8.78683	50		1	10	8.79622	8.79707	50	
	20	8.78636	8.78718	40		I	20	8.79655	8.79741	40	1
	30	8.78671	8.78752	30		ii .	30	8.79689	8.79774	30	
	40		8.78787	20			40	8.79722	8.79808	20	1
	50	8.78739	8.78821	10			50	8.79756	8.79842	10	l
31	0	8.78774	8.78855	0	29	36	0	8.79789	8.79875	0	24
	10	8.78806	8.78890	50		I	10	8.79823	8.79909	50	
	20	8.78842	8.78924	40		ll l	20	8.79856	8.79942	40	
	30	8.78876	8.78958	30		11	30	8.79890	8.79976	30	
	40	8.78910		20		ll .	40	8.79923	8.80009	20	1
	50	8.78945	8.79027	10			50	8.79956	8.80043	10	
32	0	8.78979	8.79061	0	2 8	37	0	8.79990	8.80076	0	23
	10	8.79013	8.79096	50	!	l)	10	8.80023	8.80110	50	
1	20	8.79047	8.79130	40		1	20	8.80056	8.80143	40	
l	30	8.79081	8.79164	80		li .	30	8.80090	8.80177	30	
	40	8.79115	8.79198	20		ll .	40	8.80123	8.80210	20	1
	50	8.79149	8.79232	10		1	50	8.80156	8.80243	10	
33	0	8.79182	8.79266	0	27	38	0	8.80189	8.80277	0	22
	10	8.79217	8.79300	50	1		10	8.80222	8.80310	50	1
•	20	8.79251	8.79334	40		1	20	8.80255	8.80843	40	
1	30	8.79284		30		1	30	8.80289	8.80376	30	1
l l	40	8.79318	8.79402	20			40	8.80322	8.80409	20	ı
	50	8.79352	8.79436	10		1	50	8.80355	8.80443	10	1 1
34	0	8.79386	8.79470	0	26	39	0	8.80388	8.80476	0	21
	10			50			10	8.80421	8.80509	50	
	20	8.79453	8.79538	49		1	20		8.80542	40	
	30	8.79487	8.79572	30		1	30	8.80487	8.80575	30	1
	40	8.79521	8.79606	20		1	40		8.80608	20	ı
	50	8.79555	8.79639	10			50	8.80552	8.80641	10	
35	0	8.79588	8.79678	0	25	40	0	8.80585	8.80674	0	20
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40	0	8.80585	8.80674	0	20	45	0	8.81560	8.81653	0	15
	16	8.80618	8.80707	50			10	8.81592	8.81685	50	ı
	20	8.80651	8.80740	40			20	8.81624	8.81717	40	ł
1	80	8.80684	8.80773	30			30	8.81656	8.81750	30	ł
1	40	8.80716	8.80606	20			40	8.81688	8.81782	20	
	50	8.80749	8.80839	10	1		50	8.81720	8.81814	10	1
41	0	8.80782	8.80872	0	19	46	0	8.81752	8.81846	0	14
	10	8.80815	8.80905	50			10	8.81784	8.81878	50	1
	20		8.80937	40			20	8.81816	8.81910	40	ı
	30	8.80880	8.80970	30			30	8.81848	8.81942	30	l
	40	8.80913	8.81003	20			40	8.81880	8.81974	20	
	50	8.80945	8.81036	10			50	8.81912	8.82006	10	1
42	0	8.80978	8.81068	0	18	47	0	8.81944	8.82038	0	13
	10	8.81010					10	8.81975		50	1
	20	8.81043	8.81134	40			20	8.82007	8.82102	40	1
1 1	30	8.81075	8.81166	30			30	8.82039	8.82134		1
1	40	8.81108	8.81199	20		1	40 50	8.82071	8.82166	20	i
1	50	8.81140	8.81232	10				8.82103	8.82198	10	!
43	0	8.81178	8.81264	0	17	48	10	8.82134	8.82230	0	12
Н	10	8.81205	8.81297	50			10		8.82262	50	
1 1	20	8.81237	8.81329	40			20	8.82198	8.82293	40	1
ı	80	8.81270	8.81362	30			30	8.82229	8.82325	30	1
1	40	8.81302 8.81334	8.81394	20		ہے ا	40	8.82261	8.82357	20	ł
1 1	50	0.01004	8.81427	10		1	10	8.82292	8.82389	10	
44	0	8.81367	8.81459	0	16	49	0	8.82324	8.82420	0	11
	10	8.81899		50	1	1	10		8.82452	50	
1	20	8.81431	8.81524	40	1	l l	20	8.82387	8.82484	40	
	30	8.81463	8.81556	30			30	8.82419	8.82515	30	
	40	8.81496	8.81588	20			40	8.82450	8.82547	20	1
1	50		8.81621	10	ا ـ ما	I.,	50		8.82579	10	١
45	0	8.81560	8.81653	0	15	50	0	8.82513	8.82610	0	10
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50	0	8.82513	8.82610	0	10	55	0	8.83446	8.03547	0	5
	10	8.82544	8.82642	50	1 1	1	10	8.83476	8.83578	50	
1	20	8.82576	8.82673	40		ł	20	8.83507	8.83609	40	
	30	8.82607	8.82705	30			30	8.83588	8.88640	30	1
1	40	8.82689	8.82786	200		li	40	8.83568	8.83671	20	
1	50	8.82610	8.82768	10	1	Į.	50	8.88599	8.83701	10	
51	0	8.82701	8.82799	•	9	56	0	8.83630	8.83782	0	4
	10	8.82782	8.82831	50		1	10	8.83660	8.83763	50	
1	20	8.82764	8.82862	40		1	20	8.88691	8.83794	40	
1	20	8.82795	8.82893			ı	30		8.83824		
H I	40	8.82826	8.82925	20		ı	40	8.83752	8.88855	20	1
1	50	8.82857	8.82956	10	1	1	50	8.83783	8488886	110	
52	10	8.82888	8.82387	•	8	57	q	8.83813	8.83916		3
	10	8.82920	8.83019	50	1	1	10	8.83844	8.83947	150	
	200	8.82951	8.83059	40		1	20	8.88874	8.83978	40	
1	30	8.82982	8.83081	80	1		20	8.83904	8.84008		
	40	8.83013	8.88112	20		1	40	8.83935	8.84039	20	
	50	8.88044	8.88144	10			50	8.83965	8.84069	10	
53	a	8.89075	8.83175	0	7	58	0	8.82996	8.84100	0	2
	10	8.88106	8.83206	50		1	10	8.84026	8.84130	50	
	20	8.88187	8.83231	40		1	20	8.84056	8.84161	40	
	80	8.83168	8.83268	30		1	30	8.84087	8.84191	30	
	40	8.83199	8.88299	20		1	40	8.84117	8.84222	20	
ŀ	50	8.83360	8.83330	10	-	1	50	8.84147	8.84252	10	
54	Q	8.88361	8.88361	0	6	59	Q	8.84177	8.84282	0	1
	10	8.83392	8.88392	50			10	8.84208	8.84318	50	
H	20	8.83322	8.83428	40			20	8.84238	8.84348	40	
	30	8.83358	8.83454	30			30	8.84268	8.84374	30	
1	40	8.83364	8.83485	20		1	40	8.84298	8.84404	20	ı
	50	8.83415	8.83516	10			50	8.84328	8.84434	10	H
55	0	8.83446	8.83547	0	5	60	0	8.84358	8.84464	0	0
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0	9	8.84358	8.84464	10	60	5	0	8.85252	8.85363	0	55
	10	8.84389	8.84495	50		1	10	8.85282	8.85392	50	
	20	8.84419	8.84525	40			20	8.85311	8.85422	40	
	30	8.84449	8.84555	30			30	8.85341	8.85452	30	
	40	8.84479	8.84585	20	1		40	8.85370	8.85481	20	
1	50	8.84509	8.84615	10	i	l	50	8.85400	8.85511	10	
1	0	8.84539	8.84646	0	59	6	0	8.85429	8.85540	0	54
	10	8.84569	8.84676	50	П	1		8.85458	8.85570	50	
l	20	8.84599	8.84706	40	1 1		20		8.85599	40	
l	80	8.84629	8.84736	30		l	30	8.85517	8.85629		
ľ	40	8.84659	8.84766	20	1 1		40		8.85658	20	
	50	8.84688	8.84796	10			50	8.85576	8.85688	10	
2	0	8.84718	8.84826	0	58	7	0	8.85605	8.85717	0	53
1	10	8.84748	8.84856	50	1	ĺ	10	8.85634		50	
1	20	8.84778	8.84886	40	1 1	1	20	8.85663	8.85776	40	
ı	30	8.84808	8.84916	30	1 1	1	30	8.85693	8.85805	30	
1	40		8.84946	20		l		8.85722	8.85835	20	
	50	8.84877	8.84976	10			50	8.85751	8.85864	110	
3	0	8.84897	8.85006	0	57	8	0	8.85780	8.85893	0	52
	10	8.84927	8.85036	50			10		8.85922	50	
1	20	8.84957	8.85065	40	1 1		-	8.85838	8.85952		
1	30	8.84986	8.85095	30	1 1		30	8.85867	8.85981	30	.
1	40	8.85016	8.85125	20	1 1	ļ	40	8.85896	8.86010	120	
1	50	8.85045	8.85155	10			50	8.85926	8.86039	10	
4	0	8.85075	8.85185	0	56	9	0	8.85955	8.86069	0	51
	10	8.85105	8.85214	50			10		8.86098	50	
	20	8.85134	8.85244	40				8.86013	8.86127	40	
	30	8.85164	8.85274	30	1		30	8.86042	8.86156	30	l
	40	8.85193	8.85304	20	4		40	8.86070	8.86185	20	
_	50	8.85223		10				8.86099	8.86214	10	-
5	0	8.85252	8.85363	0	55	10	0	8.86128	8.86243	10	50
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10	0	8.86128	8.86243	0	50	15	0	8.86987	8.87106	0	45
	10	8.86157	8.86272	50	i		10	8.87015	8.87135	50	il
	20	8.86186	8.86301	40	1	ll .	20	8.87043	8.87163	40	
	30	8.86215	8.86330	30		11	30	8.87072	8.87192	30	
	40	8.86244		20		11	40	8.87100	8.87220	20	
	50	8.86273	8.86388	110			50	8.87128	8.87249	10	
11	0	8.86301	8.86417	0	49	16	0	8.87156	8.87277	0	44
	10		8.86446	50	1		10	8.87185	8.87305	50	
	20	8.86359	8.86475	40			20		8.87334	40	1 1
	30		8.86504	30		ll .	30	8.87241	8.87362	30	1 1
	40		8.86533	20			40	8.87269	8.87390	20	
l	50	8.86445	8.86562	110			50	8.87297	8.87419	10	
12	0	8.86474	8.86591	0	48	17	0	8.87325	8.87447	0	43
	10	8.86502	8.86619	150			10	8.87354	8.87475	So	1 1
	20	8.86531	8.86648	40			20	8.87382	8.87503	40	1 1
	80	8.86560	8.86677	30			30	8.87410	8.87532	30	1 1
	40	8.86588	8.86706	20		Ш.	40	8.87438	8.87560	20	1 1
1	50	8.86617	8.86734	10			50	8.87466	8.87588	10	
13	0	8.86645	8.86763	0	47	18	0	8.87494	8.87616	0	42
	10	8.86674	8.86792	50			10	8.87522	8.87644	50	
	20	8.86708	8.86821	40		11	20	8.87550	8.87673	40	
	30	8.86731	8.86849	30			30	8.87578	8.87701	30	1
	40	8.86760	8.86878	20	١,	1	40	8.87606	8.87729	20	
	50	8.86788	8.86907	10			50	8.87634	8.87757	10	
14	0	8.86816	8.86935	0	46	19	0	8.87661	8.87785	ú	41
	10	8.86845	8.86964	50			10	8.87689	8.87813	50	
	20	8.86873	8.86992	40			20	8.87717	8.87841	40	
H '	30	8.86902	8.87021	30			30	8.87745	8.87869	30	
	40	8.86930		20			40	8.87778	8.87897	20	1
	50	8.86958	8.87078	10				8.87801	8.87925	10	
15	0	8.86987	8.87106	0	45	20	0	8.87829	8.87953	0	40
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20	0	8.87829	8.87958	T	40	25	0	8.88654	8.86788	Ī	31
	10	8.87856	8.87981	50		Ш	10	8.88681	8.88811	64	
	20	8.87884	8.88009			11	26		8.88838		
	80	8.87912	8.88037	30		11	80		8.88866		ì
	40	8.87940	8.88065	26]]	40		8.88898		H
	50	8.87967	8.88092	μo	7		50	8.88790	8.88920	140	1
21	0	8.87995	8.88120	0	39	26	0	8.88817	8.88948] 0	34
	10		8.88148	50		11	10		8.88975	50	1
	20	8.88050	8.88176	40			20		8.89002	4	١.
	30	8.88078	8.88204	30		11	30	8.88899	8.89029	80	1
	40	8.88106	8.88231	20		11	40		8.89057	20	ł
	50	8.88133	8.88259	10	l	l	50	8.88953	8.89884	10	1
22	0	8.88161	8.88287	0	38	27	0	8.88980	8.89111	0	33
	10	8.88188	8.88815	50	1		10	8.89007	8.89138	50	
1	20	8.88216	8.88342	40	1	IJ.	20	8.89034	8.89166	140	l
	30	8.88243	8.88870	80	1	1	30	8.89061	8.80193	39	
	40	8.88271	8.88898	20	1	ll .	40	8.89088	8.89229	20	
	50	8.88298	8.88425	10	1	l	50	8.89115	8.89247	10	1
23	0	8.88326	8.88453	0	37	28	0	8.89142	8.89274	0	32
	10	8.88353	8.88481	50		1	10	8.89169	8.89801	50	
ı	20	8.88381	8.88508	40	1 1	ı	20	8.89196	8.89628	40	
		8.88408	8.88536	80	ı	1	30	8.89228	8.89855	30	
		8.88436	8.88563	20	1 1		40	8.89250	8.89388	20	
	50	8.88463	8.88591	10			50	8.89277	8.89410	10	
24	0	8.88490	8.88618	0	36	29	0	8.89304	8.89437	0	31
	10	8.88518	8.88646	50	ı		10	8.89380	8.89464	50	
	20	8.88545	8.88674	40	1	1	20	8.89357	8.89491	40	
	30	8.88572	8.88701	30			30	8.89384	8.89518	30	
	40	8.88600	8.88728	20	ı	1	40	8.89411	8.89545	20	
- 1	50	8.88627	8.88756	10			50	8.89438	8.89571	10	
25	o	8.88654	8.88783	0	35	30	0	8.89464	8.89598	0	30
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30	0	8.89464	8.89598	0	30	35	0	8.90260	8.90399	0	25
	10	8.89491	8.89625	50	1	1	10	8.90286	8.90425	150	
	20	8.89518	8.89652	40			20	8.90312	8.90451	40	1 #
	20	8.89545	8.89679	130		H	30	8.90338	8.90478	20	1 1
	40	8.89571	8.89706	20		1	40	8.90364	8.90504	20	1
	50	8.89598	8.89733	10		1	50	8.90391	8.90531	10	
	H									Ι.	
31	9	8.89625	8.89760	0	29	36	0	8.90417	8.90557	0	24
	10			50		1	10	8.90443	8.90583		
	20	8.89678	8.89813	40		1	20	8.90469	8.90610	100	1 1
	30	8.89704	8.89840	30		1	30	8.90495	8.90636	30	1 1
	40	8.89731	8.89867	20		1	40	8.90521	8.90662	20	1 1
	50	8.89758	8.89894	10	li	1	50	8.90548	8.90688	10	i I
32	o	8.89784	8.89920	0	28	37	0	8.90574	8.90715	0	23
	10	8.89811	8.89947	50	l	1	10	8.90600	8.90741	60	
	20	8.89837	8.89974	40		1	20	8.90626	8.90767	40	1
	20	8.89864	8.90000	30		1	30	8.90652	8.90793	30	1
	49	8.89890	8.90027	20	1		49	8.90678	8.90820	20	
	50	8.89917	8.90054	10			50	8.90704	8.90846	10	ı
33	0	8.89943	8.90080	0	27	38	0	8.90730	8.90872	0	22
	10	8.89970	8,99107	50	H		10	8.90756	8.90898	50	1 1
	20	8.89996	8.90134	40		1	20	8.90782	8.90924	40	
	20	8.90023	8.90160	30		1	30	8.90808	8.90950	30	
	40	8.90049	8.90187	20]	40	8.90834	8.90976	20	1 8
	50	8.90075	8.90213	10		1	50	8.90859	8.91002	10	
34	0	8.99102	8.90240	0	26	39	0	8.90685	8.91029	o	21
	10	8.90128	8.90266	50			10	8.90911	8.91055	50	
	20	8.90154	8.90293	40		1	20	8.90937	8.91081	40	1
	20	8.90181	8.90319	30			30	8.90963	8.91107	30	1
	40	8.90207	8.90346	20		1	40	8.90989	8.91133	20	
	50	8.90233	8.90372	10			50	8.91015	8.91159	10	
35	0	8.90260	8.90399	0	25	40	0	8.91040	8.91185	0	20
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40	0	8.91040	8.91185	0	20	45	0	8191807	8.91957	U	15
	10	8.91066	8.91211	50		1	10	8.91833	8.91982	50	1
	20	8.91092	8.91236	40		1	20	8.91858	8.92008	40	
	30	8.91118	8.91262	30		1	30	8.91883	8.92033	30	
	40 50	8.91143 8.91169	8.91288 8.91314	20	1 1	1	40 50	8.91909 8.91934	8.92059 8.92084	20 10	
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41	0	8.91195	8.91340	0	19	46	0	8.91959	8.92110	0	14
1 1	10	8.91221	8.91366	50	1 1		10	8.91984	8.92135	50	
	20	8.91246	8.91392	40	1	1	20	8.92010	8.92160	10	
	30 40	8.91272 8.91298	8.91418 8.91443	30 20		ı	30 40	8.92035 8.92060	8.92186 8.92211	30 20	
	20 50	8.91323	8.91469	10	ı	1	50	8.92085	8.92237	ĩõ	
42	0	8.91349	8.91495		18	47	0	8.92110	8.92262		13
-~	۷	0.51010	0.01700	ľ	10		١٣	0.92110			1.0
	10		8.91521	50	1 1	ı	10	8.92135	8.92287	50	
1	20		8.91547	40	1	ļ	20	8.92161	8.92313	40 30	1 1
	30 40	8.91426 8.91451	8.91572 8.91598	30 20			30 40	8.92186 8.92211	8.92338 8.92363	30 20	
	50	8.91477	8.91624	10	1		50	8.92236	8.92388	10	
43	-					40					
43	0	8.91502	8.91650	0	17	48	0	8.92261	8.92414	0	12
	10		8.91675	50	1 1		10	8.92256	8.92439	50	
	20	8.91553	8.91701	40		ł	20	8.92311	8.92464	40	
1	30	8.91579 8.91604	8.91727 8.91752	30		1	30 40	8.92336 8.92361	8.92489 8.92515	30 20	
	40 50	8.91630	8.91778	20 10		1	50	8.92386	8.92540	lio	
				ľ	اء ا		-				
44	0	8.91655	8.91803	0	16	49	0	8.92411	8.92565	١º	11
	10		8.91829	50			10	8.92436		50	
	20	8.91706	8.91855	40		1	20	8.92461	8.92615	40	1
	30 40	8.91731 8.91757	8.91880 8.91906	30 20			30 40	8.92486 8.92511	8.92640	30 20	
	50		8.91931	160		1	50		8.92691	10	
45	:	8.91807	8.91957		15	50	- 1	8.92561	8.92716		10
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50	0	8.92561	8.92716	0	10	55	0	8.93301	8.93462	0	5
	10	8.92586	8.92741	l 50	1		10	8.93326	8.93486	50	
1 1	20	8.92611	8.92766	40	ı	ii .	20	8.93350	8.93511	40	
	30	8.92636		30	1 1		30	8.93375	8.93536	30	. 1
	40	8.92660	8.92816	20	H	l	40	8.93399	8.93560	20	
	50	8.92685	8.92841	10		1	50	8.93424	8.93585	10	
51	0	8.92710	8.92866	0	9	56	0	8.93448	8.93609	0	4
	10	8.92735	8.92891	50			10	8.93472	8.93634	50	ı
	20	8.92760	8.92916	40	1 1	11	20	8.93497	8.93658	40	
	30	8.92784	8.92941	30		ll	30	8.93521	8.93683	30	
1	40	8.92809	8.92966	20		il .	40	8.93546	8.93707	20	
	50	8.92834	8.92991	10		I	50	8.93570	8.93732	10	
52	0	8.92859	8.93016	0	8	57	0	8.93594	8.93756	0	3
	10	8.92883	8.93040	50		ll	10	8.93619	8.93781	50	
1	20	8.92908	8.93065	40		11	20	8.93643	8.93805	40	
1	30	8.92933	8.93090	30			30	8.93667	8.93830	30	
	40	8.92957	8.93115	20		il .	40		8.93854	20	
	50	8.92982	8.93140	10		I	50	8.93716	8.93879	10	
53	0	8.98007	8.93465	0	7	58	0	8.93740	8.93903	0	2
	10	8.93031	8.93190	50		I	10	8.93764	8.93928	50	
	20	8.93056	8.93214	40	1	ii .	20	8.93788	8.93952	40	
	30	8.93081	8.93239	30	1 1	H	30		8.93976	30	
	40	8.93105	8.93264	20		11	40	8.93837	8.94001	20	
ı	50	8.93130	8.93289	10		11	50	8.93861	8.94025	10	ı
54	9	8.93154	8.93313	0	6	59	0	8.93885	8.94049	0	1
	10	8.93179	8.93338	50		I	10	8.93909	8.94074	50	
	20	8.93203	8.93363	40		li l	20	8.93933	8.94098	40	
	30	8.93228	8.93388	30		11	30	8.93957	8.94122	30	
	40	8.93253	8.93412	20		H	40	8.93981	8.94147	20	
ا ا		8.93277	8.93437	10	1 _		50	8.94006	8.94171	10	
55	o	8.93301	8.93462	0	5	60	0	8.94030	8.94195	0	0
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0	O	8.94030	8.94195	0	60	5	0	8.94745	8.94917	Ī	55
	10	8.94054	8.94219	50		l	10	8.94769	8.94941	50	!
		8.94078	8.94244	40	1	1	20	8.96798	8.94964	40	1 1
	30	8.94102		30		1	30	8.94817	8.94968	30	
1	40	8.94126		20	l	1	40	8.94840	8.95012	20	
	50	8.94150	8.94316	10	1	1	50	8.94864	8.95036	110	1 1
1	o	8.94174	8.94340	Ð	59	6	0	8.94887	8.95960	0	54
1	10	8.94198	8.94365	50			10	8.94911	8.95083	50	
1	20	8.94222	8.94389	40	1	1	20	8.94935	8.95107	40	
		8.94246	8.94413	30		1	30	8.94968	8.95131	30	ii
		8.94270	8.94437	20	1	L	40	8.94982	8.95155	20	1
	50	8.94294	8.94461	10			50	8.95005	8.95178	10	1 1
2	0	8.94317	8.94465	0	58	7	0	8.96028	8.95202	0	53
1	10	8.94341	8,94509	50	1	1	10	8.95052	8.95226	150	Į I
	20	8.94365	8.94533	40	1	1	20	8.95976	8.95249	40	{
	30	8.94389	8.94557	30	1		30	8.95099	8.95273	130	()
	40	8.94418	8.94581	20	1	l	40	8.95123	8.95297	20	1 1
	50	8.94437	8.94606	10	ı		50	8.95146	8.95320	ю	I
3	0	8.94461	8.94630	٥	57	8	0	8.95170	8.95344	0	52
	10	8.94484	8.94054	So			10	8.95193	8.95368	lso	l
1	20	8.94508	8.94678	40	1		20	8.95216	8.95891	40	1
1	30	8.94582	8.94702	30	1	1	30	8.95240	8.95415	30	1
i I	40	8.94556	8.94725	20	ı	1	40	8.95263	8.95439	20	1
	50	8.94580	8.94749	10			50	8.95287	8.95462	10	
4	0	8.94608	8.94773	0	56	9	0	8.95310	8.95486	0	51
1	10	8.94627	8.94797	50			10	8.95323	8.95509		ll
1	20	8.94651	8.94821	40	ı		20	8.95357	8.95533	40	
ı	30	8.94615	8.94845	30	ı		30	8.95380	8.95556	30	l
[]	40	8.94698	8.94869	20		1	40	8.95403	8.95580	20	l l
	50	8.94722	8.94803	10		ı	50	8.95427	8.95603	10	ı
5	0	8.94746	8.94917	0	55	10	0	8.95450	8.95627	0	50
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10	0	8.95450	8.95627	١ō	50	15	0	8.96143	8.96325	10	45
	10	8.95473	8.95650	50	1	1	10	8.96166	8.96349	30	1
	20	8.95496	8.95674	40	1	1	20	8.96189	8.96872	40	
	30	8.95520	8.95697	30	1		30	8.96212	8.96305	30	1
		8.95543	8.95721	20			40	8.96234	8.96418	20	1 1
	50	8.95566	8.95744	10		1	50	8.96257	8.96441	16	1 1
11	0	8.95589	8.95767	0	49	16	0	8.96280	8.96464	0	44
	10		8.95791	50		1	10			50	l
	20	8.95636	8.95814	40		1	20	8.96326	8.96510	40	1
Į	30	8.95659	8.95838	30	1 1	II	30	8.96349	8.96583	30	1
ł	40 50	8.95682	8.95861	20	1	1	40	8.96371	8.96556	20	1
	30	8.95705	8.95864	10			50	8.96394	8.96579	10	1
12	0	8.95728	8.95908	0	48	17	0	8.96417	8.96602	0	43
	10	8.95757	8.95931	50	1	1	10	8.96440	8.96625	معا	1
	20	8.95775	8.95954	40			20	8.96462	8.96648	1	
	30	8.95798	8.95977	30	1	I	30		8.96671	ã	H
	40	8.95821	8.96001	20		1	40		8.96694	20	
	50	8.95844	8.96024	16	ı		50	8.96531	8.96717	10	1
13	0	8.95867	8.96047	0	47	18	0	8.96563	8.96739	۰ ا	42
		8.95890	8.96071	50			10	8.96576	8.96762	50	
		8.95913	8.96094	40	1 1		20		8.96785	40	1
		8.95936	8.96117	30			80	8.96621	8.96868	36	
	40	8.95959	8.96140	20	l I		40	8.96644	8.96881	20	ili
	50	8.95982	8.96163	10			50	8.96467	8.96654	10	
14	0	8.96005	8.96187	0	46	19	0	8.9669	8.96677	0	41
	10	8.96028	8.96210	50			10	8.96712	8.90099	50	
		8.96051	8.96233	40			20	8.96725	8.96622	40	
		8.96074	8.96256	30		1	30	8.96757	8.98045	30	
		8.96097	8.96279	20	ı		40		8.96968		
. 1	50	8.96120	8.96302	10	ا۔۔ا	1	50	8.96802	8.96991	10	
15	0	8.96143	8.96325	0	45	20	0	8.96825	8.97013	0	40
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20	0	8.96825	8.97013	0	40	25	Ü	8.97496	8.97691	0	35
	10	8.96847	8.97036	50		1	10	8.97518	8.97713	50	
	20	8.96870	8.97059	40			20	8.97541	8.97735	40	L
	30	8.96892	8.97081	30	1	1	30	8.97563	8.97758	30 20	
	40	8.96915	8.97104	120	H	1	40 50	8.97585 8.97607	8.97780 8.97802	10	ı
	50	8.96937	8.97127	10							١.,
21	9	8.96960	8.97150	0	39	26	0	8.97629	8.97825	P	34
	10	8.96982	8.97172	50			10	8.97651	8.97847	50	
	20	8.97005	8.97195	40			20	8.97674	8.97869	140	
	30	8.97027	8.97218	30	1	l i	30	8.97696	8.97892 8.97914	30 20	
	40 50	8.97050 8.97072	8.97240 8.97263	20 10	H		40 50	8.97718	8.97936	160	1
		8.91012								1	
22	0	8.97095	8.97285	0	38	27	0	8.97762	8.97959	l º	33
	10	8.97117	8.97308	50	1		10	8.97784	8.97981	50	ı
	20	8.97139	8.97331	40	H	1	20	8.97806	8.98003	40	
l	30	8.97162	8.97353	30	i I	1	30	8.97828	8.98025	30	
	40	8.97184	8.97376	20	1 1	1	40	8.97850 8.97872	8.98048 8.98070	20 10	
	50	8.97207	8.97398	10	Н		50	8.91812	9.30010	ľ۳	
23	9	8.97229	8.97421	0	37	28	0	8.97894	8.98092	0	32
	10	8.97251	8.97443	50		1	10	8.97916		50	
	20	8.97274	8.97466	40		l	20	8.97938	8.98136	40	ı
	30	8.97296	8.97488	30	1	1	30	8.97960	8.98159	30	1
i i	40	8.97318	8.97511 8.97533	20 10	1 1	1	40 50	8.97982 8.98004	8.98181 8.98203	20	
	50	8.97341	8.91933	ייו	1 1	1	SV.	0.90001	0.80203	ľ	
24	0	8.97363	8.97556	0	36	29	9	8.98026	8.98225	0	31
	10	8.97385	8.97578	50			10		8.98247	50	
	20	8.97407	8.97601	40		1	20	8.98070	8.98269	40	1
ı	30	8.97430	8.97623	30	ı	1	30	8.98092	8.98291	30 20	ı
	40	8.97452	8.97646	20 10	ı	1	40	8.98114 8.98135	8.98314 8.98336	100	ı
25	50	8.97474	8.97668	1	35	30				1 -	30
25	1 0	8.97496	8.97691	. 0	193	30	0	8.98157	8.98358		100
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30	0	8.98157	8.98358	0	30	35	0	8.98908	8.99015	0	25
	10	8.98179	8.98380	50		1	10	8.98830	8.99037	50	
8	20	8.98201	8.98402	40		1	20	8.98851	8.99058	140	1 1
	30	8.98223	8.98424	30		ľ	30	8.98873		30	1
8 1	40	8.98245	8.98446	20			40	8.98894	8.99102	20	1 1
	50	8.98266	8.98468	10			5 0	8.98916	8.99123	10	
31	0	8.98288	8.98490	0	29	36	0	8.98937	8.99145	0	24
	10		8.98512	50			10		8.99167	50	
	20	8.98332	8.98534	40			20	8.98980	8.99188	40 30	
	30	8.98354	8.98556	30			30	8.99002	8.99210 8.99282	20	
	40	8.98375	8.98578	20			40 50	8.99023	8.99252	lio	1 1
1	50	8.98397	8.98600	Ιιο		ll l	שכ	8.99045	0.59253	ľ	1
32	0	8.98419	8.98622	0	28	37	0	8.99066	8.99275	0	23
1	10	8.98441	8.98644	50		l l	10	8.99087	8.99297	50	
	20	8.98462	8.98666	40		1	20	8.99109	8.99318	40	l
	30	8.98484	8.98687	30		l	30	8.99130	8.99340	30	l
1	40	8.98506	8.98709	20		1	40	8.99152	8.99361	20	1
	50	8.98527	8.98731	10			50	8.99178	8.99383	10	l
33	0	8.98549	8.98753	0	27	38	0	3.99194	8.99405	0	22
	10	8.98571	8.98775	50			10	8.99216	8.99426	50	
	20	8.98592	8.98797	40			20	8.99237	8.99448	40	1
	30	8.98614	8.98819	30	l l		30	8.99258	8.99469	30	ı
	40	8.98636	8.98841	20			40	8.99280	8.99491	20	1 1
	50	8.98657	8.98862	10			50	8.99301	8.99512	10	
34	9	8.98679	8.98884	0	26	39	0	8.99322	8.99534	0	21
	10		8.98906	50			10		8.99555	50	
ľ	20	8.98722	8.98928	49		1	20		8.99577	40	1
	30	8.98744	8.98950	30			30	8.99386	8.99598	30	l
ŀ	40	8.98765	8.98971	20			40	8.99407	8.99620	20	
	50	8.98787	8.98993	10		1.	50	8.99428	8.99641	10	
35	0	8.98808	8.99015	0	25	40	0	8.99450	8.99662	0	20
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40	O	8.99450	8.99662	0	20	45	0	9.00082	9.00301	0	15
	10	8.99471	8.99684	50		1	ιo	9.00103	9.00322	50	
	20	8.99492	8.99705	40	1 1	1	20	9.00123	9.00343	40	l
	30	8.99513	8.99727	30	1	ll l	30	9.00144	9.00364	30	ı
1	40	8.99534	8.99748	20		1	40	9.00165	9.00385	20	
	50	8.99556	8.99769	10	1		50	9.00186	9.00406	110	
41	0	8.99577	8.99791	0	19	46	0	9.00207	9.00427	0	14
	10	8.99598	8.99612	50	l		10	9.00228	9.00448	50	
1 1	20	8.99619	8.99834	40		1	20	9.00249	9.00469	40	
	30	8.99640	8.99855	30		ł	30	9.00269	9.00490	30	
H	40	8.99661	8.99876	20			40	9.00290	9.00511	20	1 1
	50	8.99682	8.99698	10	H		50	9.00311	9.00512	10	i i
42	0	8.99701	8.99919	0	18	47	0	9.00332	9.00553	0	13
	10	8.99725	8.99940	50	l I		10	9.00353	9.00574	50	1
	20	8.99746	8.99961	40		1	20	9.00373	9.00595	40	ı
l	30	8.99767	8.99983	30		l	30	9.00394	9.00616	30	1 1
l i	40	8.99788	9.00004	20		1	40	9.00415	9.00637	20	1 1
	50	8.99809	9.00025	10	1	1	50	9.00436	9.00658	10	
43	0	8.90630	9.00046	0	17	48	0	9.00456	9.00679	0	12
l	10	8.99851	9.00068	50	l		10	9.00477	9.00700	50	ll
	20	8.99872	9.00089	40	1 1		20	9.00498	9.00721	40	1 1
	30	8.99893	9.90110	30	1		30	9.00518	9.00742	30	
	40	8.99914	9.00131	20 10	1		93	9.00589	9.00763	20 10	
	50	8.99935	3.00193	اينا		1	~	J.U000	9.00784	۱۳	
44	0	8.99956	9.00174	0	16	49	0	9.00581	9.00805	0	11
	10	8.99977	9.00195	50			10	9.00601	9.00826	50	
	20	8.99998	9.00216	40	ı		20	9.00622	9.00846	40	1
	30	9.00019	9.00237	30	1	1	30	9.00642	9.00867	30	l
	40	9.00040	9.00258	20		ll.	40	9.00663	9.00688	20	
ا ـ ـ ا	50		9.00280	10			50	9.00684	9.00909	110	
45	0	9.00082	9.00301	0	15	50	0	9.00704	9.00930	0	10
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50	9	9.00704	9.0000	0	10	55	0	9.01218	9.01550	0	5
	10	9.00725	9.00951	50		1	10	9.01339	9.01571	50	
1	20	9.60746	9.00971	40		j	20	9.01359	9.01591	40	
i I	30	9.00706	9.00992	80	1	1	30	9.01279	9.01612	30	
	40	9.00787	9.01013	20		1	40		9.01682		
	50	9.00007	9.01084	10	1 1	1	50	9.01420	9.01653	10	
51	0	9.00828	9.01055	0	9	56	9	9.01440	9.01678	o	4
	10	9.00848	9.01075	50		1	10	9.01460	9.01694	60	
	20	9.00869	9.01096	40	l	l	20	9.01480	9.01714	140	ĺ
	30	9.60889	9.01117	80		ı	30	9.01501	9.01785		
	40	9.60910	9.01138	20		1	40	9.01521	9.01755	20	
1 1	50	9.00930	9.01158	10	li	1	50	9.01541	9.01776	10	
52	9	9.00951	9.01179	0	8	57	0	9.01561	9.01796	0	3
•	10	9.00971	9.01200	50		ı	10	9.01582	9.01816	50	
	20	9.00992	9.01220	40	1	1	20	9.01602	9.01837	140	
	30	9.01012	9.01241	30	i I	1	30	9.01622	9.01857	80	
8	40	9.01083	9.01262	20	1 1	1	40	9.01642	9.01878	20	
	50	9.01053	9.01282	10	1		50	9.01662	9.01898	10	
53	9	9.01074	9.01808	0	7	58	0	9.01682	9.01918	6	2
	10	9.01094	9.01324	50			10	9.01703	9.01989	50	
	20	9.01115	9.01844	140	ll	1	20	9.01723	9.01959	40	
	30	9.01135	9.01365	30		1	80	9.01743	9.01979	30	'
	40	9.01155	9.01386	20	ı	ı	40	9.01763	9.02000	20	
1	50	9.01176	9.01406	10			50	9.01783	9.02020	10	
54	0	9.01196	9.01427	0	6	59	0	9.01803	9.02040	0	1
	10	9.01217	9.01447	50	1	l	10	9.01823	9.02061	50	
	20	9.01287	9.01468		ı		20	9.01843	9.02081	40	
•	30	9.01257	9.01489	30	ll	I	80	9.01863	9.02101	30	
•	40	9.01278	9.01509	20		1	40	9.01883	9.62121	20	
	50	9.01298	9.01580	10			50	9.01963	9.02142	110	
55	0	9.01318	9.01550	0	5	60	0	9.01923	9.02162	0	θ
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0	0	9.01923	9.02162	0	60	5	0	9.02520	9.02766	0	55
l	10	9.01943	9.02182	50	i	i	10	9.02540	9.02785	50	
l	20	9.01964	9.02203	40		1	20	9.02560	9.02805	40	
	30	9.01984	9.02223	30		1	30	9.02579	9.02825	30	
Ì	40	9.02004	9.02243	20	1 1	11	40	9.02599	9.02845	20	1
	50	9.02024	9.02263	ίO			50	9.02619	9.02865	ιo	
1	0	9.02043	9.02283	0	59	6	0	9.02639	9.02885	0	54
l	10	9.02063	9.02804	50		l)	10		9.02905	50	
l	20	9.02083	9.02324	40		ll .	20	9.02678	9.02925	40	1
l	30	9.02103	9.02344	30	1 .	11	30	9.02698	9.02945	30	1
1	40	9.02:23		20	1 1	11	40	9.02717	9.02965	20	
	50	9.02143	9.02384	10			50	9.02737	9.02985	10	
2	0	9.02163	9.02404	0	58	7	0	9.02757	9.03005	0	53
1	10	9.02183	9.02425	50			10	9.02776	9.03025	50	
	20	9.02203	9.02445	10			20	9.02796	9.03044	40	
		9.02223	9.02465	30		11	30	9.02816	9.03064	30	il
		9.02243	9.02485	20			40	9.02835	9.03084	20	1
	50	9.02263	9.02505	10			50	9.02855	9.08104	10	
3	0	9.02283	9.02525	0	57	8	0	9.02874	9.03124	0	52
	10	9.02302	9.02545	50		l	10	9.02894	9.03144	50	
1	20	9.02322	9.02565	40	1 1	Ш	20	9.02914	9.03163	40	
ŀ	30	9.02342	9.02585	30	l	II .	30	9.02933	9.03183	30	
ı	40	9.02362		20	1 1	H	40	9.02953	9.03203	20	
	50	9.02382	9.02625	ŧΟ			50	9.02972	9.03223	ſΟ	
4	0	9.02402	9.02645	0	56	9	0	9.02992	9.03242	0	51
ŀ	10		9.02666	50		1	10		9.03262		
į	20	9.02441	9.02686	40		li .	20	9.03031	9.03282	40	
	30	9.02461	9.02706	30		1	30	9.03050	9.03302	30	
	40	9.02481	9.02726	20		II	40	9.03070	9.03321	200	
	50	9.02501	9.02746	10		1	50	9.03089	9.03341	10	
5	0	9.02520	9.02766	0	55	10	0	9.03109	9.03361	0	50
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10	9	9.03109	9.03361	0	50	15	0	9.03690	9.03948	9	45
ı	10	9.03128	9.03381	50	ll		10	9.03709	9.03968	50	1 1
l l	20	9.03148	9.03400	40	1	1	20	9.03728	9.03987	40	1 1
	30	9.03167	9.03420	30		1	30	9.03747	9.04007	30	1 1
H	40	9.03187	9.03440	20	l		40	9.03766	9.04026	20	1
1	50	9.03206	9.03459	10			50	9.03786	9.04046	10	1 1
11	9	9.03226	9.03479	0	49	16	0	9.03805	9.04065	0	44
ı	10	0100220	9.03499	50			10		9.04084	50	1 1
li	20	9.03265	9.03518	10		1	20	9.03843	9.04104	40	1 1
	30	9.03284	9.03538	30		l	30	9.03862	9.04123	30	1 1
Į.	40	9.03303	9.03558	20			40	9.03881	9.04143	_	
H	50	9.03323	9.03577	ro		1	50	9.03901	9.04162	160	1
12	o	9.03342	9.03597	0	48	17	0	9.03920	9.04181	0	43
l	110	9.03361	9.03616	50			10	9.03939	9.04201	50	1 1
fi i	20	9.03381	9.03636	40			20	9.03958	9.04220	40	
1	30	9.03400	9.03656	30		ı	30	9.03977	9.04239	30	
l	40	9.03420	9.03675	20	l	1	40	9.03996	9.04259	20	
1	50	9.03439	9.03695	10			50	9.04015	9.04278	10	1 1
13	0	9.03458	9.03714	0	47	18	0	9.04084	9.04297	0	42
1	10	9.03478	9.03734	50		1	10	9.04053	9.04317	50	1 1
1	20	9.03497	9.03753	40		ı	20	9.04072	9.04336	40	1 1
H .	30	9.03516	9.03773	30	1 1	1	30	9.04091	9.04355	30	
ł l	40	9.03535	9.03793	20	1 1	1	40	9.04110	9.04374	20	1 1
	50	9.03555	9.03812	10		1	50	9.04129	9.04394	10	1 1
14	0	9.03574	9.03832	0	46	19	0	9.04149	9.04413	0	41
Ħ	10	9.03598	9.03851	50	1	1	10	9.04168	9.04432	50	1
Ħ	20	9.03613	9.03871	40		1	20	9.04187	9.04451	40	
l	30	9.03632	9.03890	30	ı		30	9.04206	9.04471	30	
Ħ	40	9.03651	9.08910	20	ı	1	40	9.04225	9.04490	20	1 1
U	50	9.03670	9.03929	10		1	50	9.04244	9.04509	ΙŌ	
15	0	9.03690	9.03948	l o	45	20	0	9.04262	9.04528	0	40
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20	•	9.04262	9.04528	0	40	25	•	9.04828	9.05101	0	35
1	10	9.04281	9.04548	50		ļ .	10	9.04847	9.05120	50	l
1	20	9.04300	9.04567	40	l	1	20	9.04865	9.05139	40	1 1
•	20	9.04319	9.04586	30	i	1	30	9.04884	9.05158	30	1
	40	9.04338	9.04605	20	ll		40	9.04903	9.05177	20	
1	50	9.04357	9.04624	10		1	50	9.04921	9.05195	10	
21	0	9.04376	9.04643	0	39	26	0	9.04940	9.05214	0	34
1	10	9.04395	9.04668				10		9.05233		
ı	20	9.04414	9.04682	40	1		20	9.04977	9.05252	40	1
	20	9.04433	9.04701	30	ĺ	1	30	9.04996	9.05271	30	1 1
1	40	9.04452	9.04720	20	1		40	9.05015	9.05290		
l	50	9.04471	9.04789	10	l	1	50	9.05033	9.05309	10	1 1
22	0	9.01490	9.04758	0	38	27	0	9.05052	9.05328	0	33
1	10	9.04598	9.04777	50	ll	1	10	9.05071	9.05347	50	1 1
ı	20	9.04527	9.04796	40		1	20	9.05089	9.05365	10	1
Ħ	30	9.04546	9.04815	30		1	30	9.05108	9.05384	30	1 1
II .	40	9.04565	9.04835	20		1	40	9.05126	9.05403	20	l i
	50	9.04584	9.04854	10		1	50	9.05145	9.05422	10	1
23	0	9.04603	9.04873	0	37	28	0	9.05164	9.05441	0	32
ı	10	9.04621	9.04892	50			10	9.05182	9.05460	50	
	20	9.04640	9.04911	40		1	20	9.05201	9.05478	40	1
ı	30	9.04659	9.04930	30	l	1	30	9.05219	9.05497	20	1
	40	9.04678	9.04949	20		!	40	9.05238	9.05516	20	
ı	50	9.04697	9.04968	10			50	9.05256	9.05535	10	
24	0	9.04715	9.04987	0	36	29	0	9.05275	9.05553	0	31
I	10	9.04784	9.05006				10	9.05293	9.05572		
ı	20	9.04753	9.05025	40			20	9.05312	9.05591	140	1
l l	30	9.04772	9.05044	30		ı	20	9.05330	9.05610	130	1
1	40	9.04790	9.05063				40	9.05349	9.05628	20	1
II.,	50	9.04809	9.05082	10	9.		50		9.05647	10	
25	0	9.04828	9.05101	1 0	35	30	0	9.05386	9.05666	10	30
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30	0	9.05386	9.05666	0	30	35	0	9.05937	9.06224	0	25
	10	9.05404	9.05685	50			10	9.05955	9.06243	50	
	20	9.05423	9.05703	40		1	20	9.05973	9.06261	40	
	30	9.05441	9.05722	30	1 1	1	30	9.05991	9.06279	30	1
	40	9.05460	9.05741	20	Ιi	1	40	9.06010	9.06298	20	
l	50	9.05478	9.05759	10			50	9.06028	9.06316	10	
31	0	9.05497	9.05778	O	29	36	0	9.06046	9.06335	0	24
	10	9.05515	9.05797	50		1	10	9.06064	9.06353	50	1 1
	20	9.05533	9.05815	40		ii .	20	9.06082	9.06372	40	
	30	9.05552	9.05834	30	1 1	ll .	30	9.06101	9.06390	30	i I
	40	9.05570	9.05853	20		ll .	40	9.06119	9.06409	20	
	50	9.05589	9.05871	10	ı	1	50	9.06137	9.06427	10	
32	0	9.05607	9.05890	0	28	37	0	9.06155	9.06445	0	23
	10	9.05625	9.05909	50			10	9.06173	9.06464	50	1
	20	9.05644	9.05927	40		1	20	9.06191	9.06482	40	l I
	30	9.05662	9.05946	30			30	9.06210	9.06500	30	
	40	9.05681	9.05964	20		11	40	9.06228	9.06519	20	1 1
	50	9.05699	9.05983	10		1	50	9.06246	9.06537	10	
33	0	9.05717	9.06002	0	27	38	0	9.06264	9.06556	0	22
1	10	9.05736	9.06020	50		1	10	9.06282	9.06574	50	
	20	9.05754	9.06039	40			20	9.06300	9.06592	40	
	30	9.05772	9.06057	30	1	1	30		9.06611	30	
	40	9.05791	9.06076	20		1	40		9.06629	20	1
	50	9.05809	9.06094	10		ı	50	9.06354	9.06647	10	1
34	0	9.05827	9.06113	0	26	39	0	9.06372	9.06666	0	21
	10	9.05845	9.06132	50			10		9.06684	50	
	20	9.05864	9.06150	40		1	20	9.06408	9.06702	40	
	30	9.05882	9.06169	30		ll .	30	9.06426	9.06720	30	
	40	9.05900	9.06187	20		H	40	9.06445	9.06739	20	
	50	9.05918	9.06206	10			50	9.06463	9.06757	10	
35	0	9.05937	9.06224	0	25	40	0	9.06481	9.06775	0	20
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40	0	9.06481	9.06775	0	20	45	0	9.07018	9.07320	0	15
	10	9.06499	9.06793	50			10	9.07035	9.07338	50	
ı	20	9.06517	9.06812	40		1	20	9.07053	9.07356	140	1
1 1	30 40	9.06535 9.06553	9.06830	30		l	30 40	9.07071	9.07374	30 20	1 1
	50	9.06571	9.06848 9.06866	20 10			50	9.07106	9.07410	10	1
41	0	9.06589	9.06885		19	46	0	9.07124	9.07428	۱,	14
				ľ					0.07446	L	
ı	16 2 0	9.06606 9.06624	9.06903	50 40			10	9.07142	9.07446	50 40	1
1	30	9.06642	9.06939	30			20 30	9.07177	9.07482	30	1
1 1	40	9.06660	9.06957	20			30 40	9.07195	9.07500	20	1 1
	50	9.06678	9.06976	10			1 3	9.07213	9.07518	ĩõ	
42	0	9.06696	9.06994	0	18	47	o	9.07231	9.07536	0	13
	10	9.06714	9.07012	50			10	9.07248	9.07554	50	
1 1	20	9.06782	9.07030	40			20	9.07266	9.07572	40	ı
l	30	9.06750	9.07048	30			30	9.07284	9.07589	30	ll
l	40	9.06768	9.07066	20	1 1		40	9.07301	9.07607	20,	
	50	9.06786	9.07085	10			50	9.07319	9.07625	10	
43	0	9.06804	9.07103	0	17	48	0	9.07337	9.07643	0	12
	10	9.06821	9.07121	50			10	9.07354	9.07661	50	
1 1	20	9.06839	9.07139	40			20	9.07372	9.07679	40	
	30	9.06857	9.07157	30		1	30	9.07390	9.07697	30	1 1
	40	9.06875	9.07175	20 10			40 40	9.07407	9.07715	20	ı
1 1	50	9.06893	9.07193		ارا		20	F.U1423	9.07733	10	
44	0	9.06911	9.07211	0	16	49	0	9.07442	9.07751	0	11
	10	9.06929		50			10	9.07460	9.07768	50	
1 1	2υ	9.06946	9.07247	40		1	20	9.07478	9.07786	40	ı
1	30	9.06964	9.07266	30	1		30	9.07495	9.07804	30	
H	40 50	9.06982 9.07000	9.07284	20 10	l		40 50	9.07513	9.07822	20 10	1
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1	10	9.07566	9.07875	50	l		10	9.08089	9.08407	50	- 1
	20	9.07583	9.07893	40		1	20	9.08107	9.08424	40	
	30	9.07601	9.07911	30			30	9.08124	9.08442	30	
	40 50	9.07618	9.07929	20	۱ ۱		40 50	9.08141	9.08460	20	
	34	9.07636	9.07947	10			3 0	9.08159	9.08477	10	
51	0	9.07653	9.07964	0	9	56	0	9.08176	9.08495	0	4
ı	10	9.07671	9.07982	50			10	9.08193	9.08512	50	
1	20	9.07688	9.08000	40		1	20	9.08211	9.08530	40	
1	30	9.07706	9.08018	30			30	9.08228	9.08547	30	
1	40	9.07728	9.08035	20	li		40	9.08245	9.08565	20	- 1
	50	9.07741	9.08053	10		1	50	9.08262	9.08582	10	
52	0	9.07758	9.08071	0	8	57	0	9.08280	9.08600	0	3
	10	9.07776	9.08089	50			10	9.08297	9.08617	50	ı
	20	9.07793	9.08106	40	1	1	20	9.08314	9.08635	40	١.
ı	30	9.07811	9.08124	30		1	30	9.08331	9.08653	30	
	40	9.07828	9.08142	20			40	9.08349	9.08670	20	- 1
1	50	9.07846	9.08160	10		1	50	9.08366	9.08688	10	1
53	0	9.07863	9.08177	0	7	58	0	9.08383	9.08705	0	2
	10	9.07881	9.08195	50		1	10	9.08400	9.08722	50	
	20	9.07898	9.08213	40		1	20	9.08418	9.08740	40	
	30	9.07915	9.08230	30			30	9.08435	9.08757	30	
	40	9.07933	9.08248	20			40	9.08452	9.08775	20	
1	50	9.07950	9.08266	10			50	9.08469	9.08792	10	1
54	0	9.07968	9.08283	0	6	59	0	9.08486	9.08810	0	1
	10	9.07985	9.08301	50		I	10	9.08504	9.08827	50	
١,١	20		9.08319	40		1	20	9.08521	9.08845	40	
1	30	9.08020	9.08336	3ŏ		1	30	9.08538	9.08862	30	
	40	9.08037	9.08354	20		ll .	40	9.08555	9.08880	20	l
	50	9.08055	9.08371	10		ll .	50	9.08572	9.08897	10	
55	0	9.08072	9.08389	o	5	60	0	9.08589	9.08914	0	0
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0	0	9.08589	9.08914	0	60	5	0	9.09101	9.09434	0	55
	10	9.08607	9.08932	50			10	9.09118	9.09451	50	
	20		9.08949	40	l		20	9.09135	9.09468	40	
	30		9.08967	30	1	1	80	9.09152	9.09485	30	H
	40	9.08658	9.08984	20				9.09169		20	!!
	50	9.08675	9.09001	110			50	9.09185	9.09519	110	1
1	0	9.08692	9.09019	0	59	6	0	9.09202	9.09537	0	54
	10	9.08709	9.09036	50			10	9.09219	9.09554	50	
	20	9.08726	9.09053	40	l		20	9.09236	9.09571	40	
	30	9.08744	9.09071	30			30	9.09253	9.09588	30	
	40	9.08761	9.09088	20			40	9.09270	9.09605	20	1
	50	9.08778	9.09105	10			50	9.09287	9.09622	10	
2	0	9.08795	9.09123	0	58	7	0	9.09304	9.09640	ہ ا	53
	10	9.08812	9.09140	50			10	9.09321	9.09657	50	1
	20	9.08829	9.09157	40	li		20	9.09337	9.09674	40	
	30	9.08846	9.09175	30			30	9.09354	9.09691	30	l
	40	9.08863	9.09192	20	1 1		40	9.09371		20	
	50	9.08880	9.09209	10			50	9.09388	9.09725	10	
3	0	9.08897	9.09227	0	57	8	0	9.09405	9.09742	0	52
1	10	9.08914	9.09244	50			10	9.09422	9.09759	50	1
	20	9.08931	9.09261	40	1 1	1	20	9.09438	9.09776	40	
	30	9.08948	9.09278	30		1	30	9.09455	9.09793	30	1
1	40 50	9.08965	9.09296	20	1	1	40	9.09472	9.09810	20	1 1
	ου	9.08982	9.09313	10	l		50	9.09489	9.09828	110	1 1
4	0	9.08999	9.09330	0	56	9	0	9.09506	9.09845	0	51
	10	9.09016	9.09347	50			10	9.09522	9.09862	50	
	20	9.09033	9.09365	40			20	9.09539	9.09879	40	
	30	9.09050	9.09382	30	1 1		30	9.09556	9.09896	30	ı
	40	9.09067	9.09399	20			40	9.09573	9.09913	20	1
	50	9.09084	9.09416	10	l		50	9.09589	9.09930	10	1 1
5	0	9.09101	9.09434	0	55	10	0	9.09606	9.09947	10	50
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1	10	9.09623	9.09964	50	il	ll .	10	9.10122	9.10471	50	i l
	20	9.09640	9.09981	40		11	20	9.10139	9.10488	40	1 1
	30		9.09998	30	1		30	9.10155	9.10505	30	
1	40	9.09673	9.10015	20	l i	l	40	9.10172	9.10521	20	
1	50	9.09690	9.10032	10		l	50	9.10188	9.10538	10	
11	0	9.09707	9.10049	0	49	16	0	9.10205	9.10555	0	44
	10		9.10066	50			10			50	
	20	9.09740	9.10063	40		ll	20	9.10238	9.10589	40	
1	30		9.10100	30		1	30		9.10605	30	l I
ΙI		9.09773	9.10117	20		ll .		9.10271	9.10622	20	
1 I	50	9.09790	9.10183	10		l	50	9.10287	9.10639	10	!
12	0	9.09807	9.10150	0	48	17	0	9.10804	9.10656	0	43
1 1	10	9.09823	9.10167	50		ll	10	9.10320	9.10672	50	
	20	9.09840	9.10184	40		ll	20	9.10337	9.10689	40	ı
i I	30	9.09857	9.10201	30		ll l	30	9.10353	9.10706	30	
	40	9.09873	9.10218	20		ll I	40	9.10370	9.10722	20	
	50	9.09890	9.10235	10		I	50	9.10386	9.10739	10	
13	0	9.09907	9.10252	0	47	18	0	9.10402	9.10756	0	42
1	10	9.09923	9.10269	50		ll I	10	9.10419	9.10773	50	
ı	20	9.09940	9.10286	40		ll	20	9.10435	9.10789	40	
l l		9.09956	9.10303	30		ll .	30	9.10452	9.10806	30	1 1
ı		9.09978	9.10319	20		ll .	40	9.10468	9.10823	20	1
	50	9.09990	9.10336	10		l	50	9.10485	9.10839	10	
14	0	9.10006	9.10353	0	46	19	0	9.10501	9.10856	0	41
	10	9.10023		50		ll	10		9.10873	50	
ı	20	9.10039	9.10387	40		H	20	9.10534	9.10889	40	
1	30	9.10056	9.10404	30		ll .	30	9.10550	9.10906	30	1
	40	9.10072	9.10421	20		1	40		9.10923	20	
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15	0	9.10106	9.10454	0	45	20	0	9.10599	9.10956	0	40
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20	9	9.10599	9.10956	0	40	25	0	9.11087	9.11452	0	35
	10	9.10616	9.10973	50			10	9.11103	9.11469	50	
	20	9.10632	9.10989	40		1	20	9.11120	9.11485	40 30	
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	50	9.10681	9.11039	īο		1	50	9.11168	9.11584	10	
21	0	9.10697	9.11056	0	39	26	0	9.11184	9.11551	0	34
	10	9.10714	9.11072	50			10	9.11200	9.11567	50	
1	20	9.10730	9.11089	40			20	9.11216	9.11584	40	
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	40 50	9.10763 9.10779	9.11122 9.11139	20 10			40 50	9.11249 9.11265	9.11616 9.11633	20 10	
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	50	9.10876	9.11238	10			50	9.11361	9.11731	10	
23	0	9.10893	9.11254	0	37	28	0	9.11377	9.11747	0	32
	10	9.10909	9.11271	50		İ	10	9.11393	9.11764	50	
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24	0	9.10990	9.11353	o	36	29	0	9.11474	9.11845	0	31
	10	9.11006	9,11370	50	l		10	9.11490	9.11861	50	
	20	9.11023	9.11386	40			20	9.11506	9.11878	40	
	30	9.11039	9.11403	30			30	9.11522	9.11894	30	
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30	0	9.11570	9.11943	0	30	35	0	9.12047	9.12428	0	25
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34	9	9.11761	9.12138	0	40	31	0	9.12236	9.12621	٥	23
1	10	9.11777	9.12154	50			10	9.12252	9.12637	50	1 1
1	20	9.11793	9.12170	40			20	9.12268	9.12653	40	
1	30	9.11809	9.12186	30		1	30		9.12669	30	
ı	40	9.11825	9.12202	20		J	40		9.12685	20	1 1
1	50	9.11841	9.12219	10		1	50	9.12315	9.12701	10	!
33	0	9.11857	9.12235	l 0	27	38	0	9.12331	9.12717	0	22
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1	10 20	9.11873 9.11888	9.12251	50 40		1	20	9.12346 9.12362	9.12733 9.12749	50 40	1
H	30	9.11904	9.12288	30			30	9.12378	9.12765	30	
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34	9	9.11952	9.12332	l o	26	23	0	9.12425	9.12818	0	21
H	10	9.11968	9.12348	50		1	10	9.12440	9.12829	50	ı
	20		9.12364	49		1	20	9.12456	9.12845	40	
	30	9.11999	9.12380	30		1	30	9.12472	9.12861	30	
	40	9.12015	9.12396	20		1	40		9.12877	20	ı
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10	40	0	9.12519	9.12909	0	20	45	0	9.12985	9.13384	0	15
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	30		9.13901	30			30	9.13949	9.14366	30	l
		9.13508	9.13917	20			40	9.13964	9.14381	20	
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51	0	9.13539	9.13948	0	9	56	0	9.13994	9.14412	0	4
	10		9.13963	50			10		9.14427	50	
	20	9.13569	9.13979	40	1	1	20	9.14025	9.14443	40	
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1	40	9.13600	9.14010	20			40	9.14055	9.14474	20	
	50	9.13615	9.14025	10		1	50	9.14070	9.14489	10	
52	0	9.13630	9.14041	0	8	57	0	9.14085	9.14504	0	3
	10	9.13646	9.14056	50	1 1		10	9.14100	9.14520	50	
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	50	9.13706	9.14118	īŏ			50	9.14160	9.14581	10	
53	0	9.18722	9.14184	0	7	58	0	9.14175	9.14597	0	2
1	10	9.13737	9.14149	50		1	10	9.14190	9.14612	50	
	20	9.13752	9.14165	40		1		9.14205	9.14627	40	
	30	9.13767	9.14180	130			30	9.14220	9.14643	30	
	40	9.13782	9.14196	20			40	9.14236	9 414658	20	
ł	50	9.13798	9.14211	10	l		50	9.14251	9.14673	10	
54	0	9.13818	9.14227	0	6	59	0	9.14266	9.14688	0	1
	10	9.13828	9.14242	50		1	10	9.14281	9.14704	50	
		9.13843	9.14258	40		1		9.14296	9.14719	40	l
	30	9.13858	9.14273	130		1	30	9.14311	9.14734	30	
	40	9.13873	9.14289	20		1	40	9.14326	9.14750	20	
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	10	9.14371	9.14796	50			10	9.14817	9.15251	150	
	20	9.14385	9.14811	40			20	9.14832	9.15267	40	
	30	9.14400	9.14826	30	1 1		30	9.14847	9.15282	30	
	40	9.14415	9.14841	20		!	40	9.14862	9.15297	20	
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1	0	9.14445	9.14872	0	5 9	6	0	9.14891	9.15327	0	54
	10	9.14460	9.14887	50	1		10	9.14906	9.15342	50	
	20	9.14475	9.14902	40			20	9.14921	9.15357	40	
	30			30				9.14936	9.15372	30	
	40		9.14933	20		1	40	9.14951	9.15387	20	
l l	50	9.14520	9.14948	10	1		50	9.14965	9.15402	10	1
2	0	9.14585	9.14963	0	5 8	7	0	9.14980	9.15417	0	53
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l l	20	9.14565	9.14994	40	il	1	20	9.15010	9.15448	40	
1	30	9.14580	9.15009	30	IJ	1	30	9.15024	9.15463	30	
1	40		9.15024	20	ı	١.,		9.15039	9.15478	20	
	50	9.14609	9.15039	10	1 1	1	50	9.15054	9.15493	10	
3	0	9.14624	9.15054	0	57	8	0	9.15069	9.15508	0	52
ı	10	9.14639	9.15070	50		1	10	9.15083	9.15523	50	1
	20	9.14654	9.15085	40	!!			9.15098	9.15538	40	
l	30	9.14669	9.15100	30		i	30	9.15113	9.15553	30	
	40	9.14684	9.15115	20	1 1		40	9.15128	9.15568	20	
	50	9.14699	9.15130	10	1		50	9.15142	9.15583	10	- 1
4	0	9,14714	9.15145	0	56	9	0	9.15157	9.15598	0	51
1	10	9.14728	9.15161	50		ſ	10	9.15172	9.15613	50	1
	20			40		1		9.15186	9.15628	40	l H
	30	9.14758	9.15191	30				9.15201	9.15643	30	
1	40		9.15206	20			40	9.15216	9.15658	20	
1	50	9.14788	9.15221	10		1	50	9.15230	9.15673	10	
5	0	9.14803	9.15236	<u> 0</u>	55	10	0	9.15245	9.15688	0	50
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10	0	9.15245	9.15688	0	50	15	0	9.15683	9.16135	0	45
	10	9.15260	9.15703	50	1	1	10	9.15697	9.16150	50	1
	20	9.15274	9.15718	40		i	20	9.15712	9.16164	40	l
	30	9.15289	9.15733		1		30	9.15726	9.16179	30	
	40	9.15304	9.15748	20	l		40	9.15741	9.16194	20	
	50	9.15318	9.15763	10	1		50	9.15756	9.16209	10	
11	0	9.15333	9.15777	0	49	16	0	9.15770	9.16224	0	44
	10		9.15792	50			10	9.15784		50	
	20	9.15362	9.15807	40	H	1	20	9.15799	9.16253	40	1
	30	9.15377	9.15822	30			30	9.15813	9.16268	30	
	40	9.15392	9.15837	20			40	9.15828	9.16283	20	
	50	9.15406	9.15852	10	l	ı	50	9.15842	9.16298	10	1
12	0	9.15421	9.15867	0	48	17	0	9.15857	9.16312	0	43
	10	9.15435	9.15882	50		1	10	9.15871	9.16327	50	1
	20	9.15450	9.15897	40	1	l	20	9.15886	9.16312	40	
	30	9.15465	9.15912	30	1 i		30	9.15900	9.16357	30	
	40	9.15479	9.15927	20	1 1	ı	40		9.16371	20	ı
	50	9.15494	9.15942	10	1	1	50	9.15929	9.16386	10	
13	0	9.15508	9.15956	0	47	18	0	9.15944	9.16401	0	42
	10	9.15523	9.15971	50	1 1	1	10	9.15958	9.16416	50	1 1
	20	9.15537	9.15986	40	H	1	20	9.15972	9.16430	40	
	30	9.15552	9.16001	30	1 1		30	9.15987	9.16445	30	
i	40	9.15567		20	1		40		9.16460	20	
	50	9.15581	9.16031	10	H	1	50	9.16016	9.16474	10	
14	0	9.15596	9.16046	0	46	19	0	9.16030	9.16489	0	41
	10	9.15610	9.16061	50			10	9.16044	9.16504	50	
	20	9.15625	9.16075	40	ı	l	20	9.16059	9.16519	40	
	30	9.15639	9.16090	30		1	30	9.16073	9.16533	30	
	40	9.15654	9.16105			1	40	9.16088	9.16548	20	
l l		9.15668	9.16120	10		1	50	9.16102	9.16563	10	
15	0	9.15683	9.16135	0	45	20	0	9.16116	9.16577	0	40
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20	0	9.16116	9.16577	0	40	25	0	9.16545	9.17016	0	35
	10			50			10	9.16560	9.17030	50	
	20	9.16145	9.16607	40	i I	ı	20	9.16574	9.17045	140	
	30		9.16621	30	ll	1	30	9.16588	9.17059	30	1
	40 50	9.16174	9.16636 9.16651	20 10		li i	40 50	9.16602 9.16617	9.17074	20 10	1 1
	۳	9.10100	5.10001	ľ	ı	ł	-		5.11000	ľ	1 1
21	0	9.16203	9.16665	0	39	26	0	9.16631	9.17103	0	34
	10		9.16680			1	10		9.17117		1
1	20	9.16231	9.16695	40		ll	20	9.16659	9.17132	40	1 1
	30	9.16246	9.16709	30 20		[]	30	9.16673	9.17146	30	il
	40 50	9.16260	9.16724 9.16739	10		li .	40	9.16688 9.16702	9.17161 9.17175	20 10	
	ĐΨ	9.10214	9.16139	۱.۸	1 1	ll .	20	9.10702	9.11115	l,o	i I
22	0	9.16289	9.16753	0	3 8	27	0	9.16716	9.17190	0	33
H	10	9.16303	9.16768	50	1		10	9.16730	9.17204	50	1 1
	20	9.16317	9.16782	40	1 1	ll .	20	9.16744	9.17219	40	
H i	30	9.16331	9.16797	30		II	30	9.16758	9.17233		
	40		9.16812	20		l		9.16773	9.17248	20	
	50	9.16360	9.16826	10	1		50	9.16787	9.17262	10	ı
23	0	9.16874	9.16841	0	37	28	0	9.16801	9.17277	0	32
	10	9.16389	9.16855	50			10	9.16815	9.17291	50	
	20	9.16403	9.16870	40		1	20	9.16829	9.17306	40	ll
	30	9.16417	9.16885	30		ll .	30	9.16843	9.17320	30	i i
	40 50	9.16431	9.16899	20	1	!!	40	9.16857	9.17335	20	
	50	9.10140	9.16914	10		II	50	9.16871	9.1/349	10	1
24	0	9.16460	9.16928	U	36	29	0	9.16886	9.17863	0	31
	10		9.16943	50		ll	10	9.16900	9.17378	50	
ı	20	9.16488	9.16958	40		H	20	9.16914	9.17392	40	1 [
l	30	9.16503	9.16972	30		ll	30	9.16928	9.17407	30	1 1
	40 50	9.16517		20		il I	40	9.16942 9.16956	9.17421	20	
1			9.17001	10	ا۔۔ا	11			9.17435	10	
25	0	9.16545	9.17016	0	35	30	0	9.16970	9.17450	10	30
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30	0	9.16970	9.17450	0	30	35	0	9.17391	9.17880	0	25
	10	9.16984	9.17464	50	li		10	9.17405	9.17894	150	
	20	9.16998	9.17479	40		1	20	9.17419	9.17908	40	[
	30	9.17012	9.17493	30		1	30	9.17433	9.17923	30	
	40	9.17027	9.17507	20	1 1	1	40	9.17447	9.17937	20	1 1
	50		9.17522	10			50	9.17460	9.17951	10	
31	0	9.17055	9.17536	o	29	36	0	9.17474	9.17965	0	24
	10		9.17551	50			10		9.17980	50	
. 1	20	9.17033	9.17555	40		1	20	9.17502	9.17994	40	
1	30	9.17097		30		1	30	9.17516	9.18008	30	
	40	9.17111	9.17594	20	1		40	9.17530	9.18022	20	
	50	9.17125	9.17608	10			50	9.17544	9.18037	10	
32	0	9.17139	9.17622	0	2 8	37	0	9.17558	9.18051	0	23
	10	9.17153	9.17637	50			10	9.17572	9.18065	50	
	20		9.17651	40		1	20	9.17586	9.18079	40	P
	30		9.17665	30			30	9.17599	9.18093	20	
	40	9.17195	9.17680	20		1	40	9.17613		20	
	50		9.17694	10			50	9.17627		10	
33	0	9.17223	9.17708	0	27	38	0	9.17641	9.18136	0	22
	10	9.17237	9.17723	50		ı	10	9.17655	9.18150	50	1 1
	20	9.17251	9.17737	40			20		9.18164	40	· 1
	30	9.17265	9.17751	30			30	9.17683	9.18179	30	1
	40	9.17279	9.17766	20		1	40		9.18193	20	1 1
	50	9.17293	9.17780	ſ0			50	9.17710	9.18207	10	
34	0	9.17307	9.17794	0	26	39	0	9.17724	9.18221	0	21
	10	9.17321	9.17809	50			10	9.17738	9.18235	50	ΙÌ
	20	9.17335	9.17823	40			20		9.18249	40	ı
	30	9.17849	9.17837	30			30	9.17766	9.18264	30	
	40	9.17363	9.17851	20			40	9.17780	9.18278	20	
	50	9.17377	9.17866	10	li	İ. İ	50	9.17793	9.18292	10	
35	0	9.17391	9.17880	0	25	40	0	9.17807	9.18306	l o	20
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40	0	9.17807	9.18306	0	20	45	0	9.18220	9.18728	0	15
	10	9.17821	9.18320	50			10	9.18233	9.18742	50	1
	20	9.17835	9.18334	40	1 1		20	9.18247	9.18756	40	1
1 1	30	9.17849	9.18348	¦30			30	9.18261	9.18770	30	ll
1	40	9.17862	9.18362	20	ı		40	9.18274	9.18784	20	1
1	50	9.17876	9.18377	10	1 1		50	9.18288	9.18798	10	ı
41	0	9.17890	9.18391	0	19	46	0	9.18302	9.18812	0	14
	10	9.17904	9.18405	50			10	9.18315	9.18826	50	
	20	9.17918	9.18419	40	1		20	9.18329	9.18840	40	
	30	9.17931	9.18433	30			30	9.18343	9.18854	30	
	40	9.17945	9.18447	20			40	9.18356	9.18868	20	
	50	9.17959	9.18461	110	1		50	9.18370	9.18882	10	
42	0	9.17973	9.18475	0	18	47	0	9.18383	9.18896	0	13
l	10	9.17986	9.18489	150		1	10	9.18397	9.18910	50	ı
	20	9.18000	9.18503	40			20	9.18411	9.18924	40	l i
	30	9.18014	9.18517	30	1 1		30	9.18424	9.18938	30	
1	40	9.18028	9.18532	20	1 1	1	40	9.18438	9.18952	20	
1	50	9.18041	9.18546	10			50	9.18452	9.18965	10	
43	0	9.18055	9.18560	0	17	48	0	9.18465	9.18979	0	12
	10	9.18069	9.18574	50			10	9.18479	9.18993	50	
	20	9.18083	9.18588	40	1 1		20	9.18492	9.19007	40	
	30	9.18096	9.18602	30	Ιł	1	30	9.18506	9.19021	30	
	40	9.18110	9.18616	20	l		40	9.18519	9.19035	20	l I
	50	9.18124	9.18630	10	1		50	9.18533	9.19049	10	
44	0	9.18137	9.18644	0	16	49	0	9.18547	9.19063	0	11
1	10	9.18151	9.18658	50			10	9.18560	9.19077	50	
	20	9.18165	9.18672	40			20	9.18574	9.19091	40	
6	30	9.18179	9.18686	30	1	1	30	9.18587	9.19105	30	l l
	40	9.18192	9.18700	20			40	9.18601	9.19118	20	
	50	9.18206	9.18714	10		Ι ΄	50	9.18614	9.19132	10	ll
45	0	9.18220	9.18728	0	15	50	0	9.18628	9.19146	0	10
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50	0	9.18628	9.19146	0	10	55	0	9.19033	9.19561	0	5
	10	9.18642	9.19160	 50		1	10	9.19046	9.19574	50	
	20	9.18655	9.19174	40	1	1	20	9.19059	9.19588	40	
1	30	9.18669	9.19138	30				9.19073	9.19602	30	
	40	9.18682	9.19202	20	1 1	l l		9.19086	9.19616	20	1
	50	9.18696	9.19216	10			50	9.19100	9.19629	10	
51	0	9.18709	9.19229	0	9	56	0	9.19113	9.19643	0	4
		9.18723	9.19243	50		1	10		9.19657	50	
	20	9.18736	9.19257	40		1	20	9.19140	9.19670	40	
1 1		9.18750	9.19271	30			30	9.19153	9.19684	30	
		9.18763	9.19285	20			40	9.19167	9.19698	20	
	50	9.18777	9.19299	110	1		50	9.19180	9.19712	լլ	1
52	0	9.18790	9.19312	0	8	57	0	9.19193	9.19725	0	3
1 1	10	9.18804	9.19326	50		1	10	9.19207	9.19739	50	
1	20	9.18817	9.19340	40	1 1	1	20	9.19220	9.19753	40	
	30	9.18831	9.19354	30	1	1	30	9.19233	9.19766	30	
1	40	9.18844	9.19368	20			40	9.19247	9.19780	20	
	50	9.18858	9.19381	10	1		50	9.19260	9.19794	10	
53	0	9.18871	9.19395	0	7	58	0	9.19273	9.19807	0	2
	10	9.18885	9.19409	50			10	9.19287	9,19821	50	
	20		9.19423	40		1	20	9.19300	9.19835	40	
	30	9.18912	9.19437	30		1	30	9.19313	9.19848	30	
	40	9.18925	9.19450	20		l	40	9.19327	9.19862	20	
	50	9.18938	9.19464	10			50	9.19340	9.19876	10	
54	U	9.18952	9.19478	0	6	59	0	9.19353	9.19889	0	1
	10	9.18965	9.19492	50		1	10	9.19367	9.19903	50	li
	20	9.18979	9.19506	40	1	il .	20	9.19380	9.19917	40	
1	30	9.18992	9.19519	30		ll .	30	9.19393	9.19930	30	
	40		9.19533	20		II	40	9.19407	9.19944	20	
1	50	9.19019	9.19547	to		11.	50	9.19420	9.19958	10	
55	0	9.19033	9.19561	0	5	60	0	9.19433	9.19971	lo	0
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10 9.19606 9.20148 50 20 9.20014 9.20553 50 30 9.19619 9.20162 40 30 9.19639 9.20175 80 30 9.20021 9.20023 9.20023 9.20023 9.20023 9.20023 9.20023 9.20023 9.20027 9.20023	_	_			_	_		_			_	_
10 9.19447 9.19985 50 20 9.19467 9.19986 40 30 9.19473 9.20012 30 9.19486 9.20026 20 30 9.19857 9.20405 40 30 9.19486 9.20026 20 40 9.19883 9.20442 20 9.19886 9.20446 10 10 9.19539 9.20080 40 9.19853 9.20486 40 9.19853 9.20486 40 9.19853 9.20486 40 9.19539 9.20080 40 9.19539 9.20080 40 9.19539 9.20080 40 9.19539 9.20107 20 40 9.19929 9.20530 30 9.19539 9.20107 20 40 9.19929 9.20530 30 9.19539 9.20121 10 9.19686 9.20117 20 40 9.19929 9.20530 30 9.19539 9.20121 10 9.19685 9.20187 30 9.19699 9.20188 50 9.19619 9.20181 30 9.19639 9.20180 30 9.20027 9.20530 30 9.20027 9.20530 30 9.20027 9.20530 30 9.20027 9.20530 30 9.20027 9.20530 30 9.20027 9.20530 30 9.20027 9.20530 9.20027 9.20530 9.20027 9.20530 9.20027 9.20530 9.20027 9.20530 9.20027 9.20530 9.20027 9.20640 9.20611 9.20020 9.20640 9.20611 9.20020 9.20641 9.20611 9.20020	,	"	sin	tang	,,	,	1	,,	sin	tang	۰,,	,
20 9.19473 9.20022 20 30 9.19883 9.20419 30 9.19486 9.20026 20 40 9.19886 9.20446 10 10 9.19539 9.20083 0.59 6 0.59 9.20486 0.50 9.19539 9.20044 30 9.19539 9.20044 30 9.19539 9.20167 20 40 9.19932 9.2053 20 40 9.19932 9.2053 20 40 9.19932 9.2053 20 40 9.19932 9.2053 20 9.19539 9.20167 20 40 9.19932 9.2053 20 9.20167 20 40 9.19932 9.2053 20 9.20167 20 40 9.19932 9.2053 20 9.20167 20 40 9.19932 9.2053 20 9.20167 20 40 9.19932 9.2053 20 9.20167 20 40 9.19932 9.2053 20 9.19619 9.20162 40 30 9.19632 9.2053 20 9.2064 40 9.19635 9.2022 10 30 9.19639 9.20202 10 30 9.20047 9.20550 30 9.20049 9.20550 9.2033 30 9.20049 9.20567 40 9.19735 9.20220 10 30 9.20049 9.20594 20 9.20049 9.20594 20 9.20049 9.20594 20 9.20049 9.20594 20 9.20640 40 9.20049 9.20594 20 9.20049 9.20594 20 9.20049 9.20661 20 9.20169 20 9.20661 20 9.20171 20 9.20169 9.20661 20 9.20171 9.20368 20 9.19711 9.2037 40 9.20171 9.20742 20 9.20173 9.20588 20 9.19711 9.20331 30 9.20189 9.20171 9.20742 20 9.20171 9.20742 20 9.20171 9.20754 20 9.20171 9.20754 20 9.20175 20 9.20175 20 9.20175 20 9.20175 20 9.20175 20 9.20755 20 9.20175 20 9.20755 20 9.20755 20 9.20175 20 9.20755	0	9	9.19433	9.19971	0	60	5	0	9.19830	9.20378	0	55
20 9.19473 9.20012 30 9.19873 9.20419 30 9.19486 9.20026 20 40 9.19883 9.20446 10 1		10	9.19447	9.19985	150	. 1		10	9.19843	9.20392	50	
1	1			9.19998	40		1	20	9.19857	9.20405	40	
1			9.19473	9.20012	30			30	9.19870	9.20419	30	
1 0 9.19513 9.20053 0 59 6 0 9.19909 9.20459 0 54 10 9.19526 9.20067 50 10 9.19922 9.20473 50 20 9.19539 9.20094 30 30 9.19922 9.20486 40 30 9.19566 9.20107 20 40 9.19922 9.20513 30 50 9.19569 9.20121 10 58 7 0 9.19975 9.20513 30 10 9.19669 9.20148 50 7 0 9.19988 9.20540 0 53 10 9.19619 9.20148 50 10 9.20001 9.20550 30 9.20574 40 52 9.20014 9.20540 0 53 20 9.19632 9.20178 80 10 9.20001 9.20580 0 52 30 9.19632 9.20178 9.20178 9.2007	ı	40	9.19486	9.20026	20	1			9.19883	9.20432	20	
10 9.19526 9.20067 50 9.19922 9.20473 50 50 9.19539 9.20080 40 30 9.19556 9.20107 20 50 9.19566 9.20107 20 50 9.19579 9.20121 10 9.19962 9.20513 20 9.19579 9.20121 10 9.19669 9.20148 50 9.19975 9.20527 10 9.19669 9.20148 50 9.19975 9.20527 10 9.19682 9.20178 40 9.19984 9.20567 40 30 9.19632 9.20178 40 20 9.20014 9.20567 40 30 9.19632 9.20178 9.20189 20 50 9.19639 9.20202 10 50 9.19632 9.20189 20 50 9.20043 9.20567 40 30 9.19632 9.20189 20 40 9.20041 9.20567 40 30 9.19632 9.20189 20 40 9.20041 9.20567 40 30 9.19632 9.20173 30 9.20067 9.20661 30 9.19672 9.20216 0.57 8 0 9.20067 9.20661 30 9.19712 9.20231 30 9.20169 9.20664 40 9.20149 9.20661 30 9.19712 9.20234 40 9.20149 9.20664 40 9.20149 9.20664 20 9.20132 9.20688 40 9.19715 9.20234 40 9.20143 9.20171 9.20182 9.20741 30 9.19717 9.20324 40 9.20145 9.20719 9.20741 30 40 9.19804 9.20351 20 9.20171 9.20175 50 9.19817 9.20365 10 9.201917 9.20755 50 9.19817 9.20365 10 9.20223 9.20768 10 9.20153 9.20755 50 9.20210 9.20755 50 9.20210 9.20755 50 9.20210 9.20755 9.20755 50 9.20223 9.20768 10 50 9.20153 9.20755 50 9.20210 9.20755	1	50	9.19500	9.20039	10			50	9.19896	9.20446	10	
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10		50	9.19659	9.20202	10		1	50	9.20053	9.20607	19	! !
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30 9.19791 9.20338 30 30 9.20184 9.20741 30 9.19804 9.20351 20 50 9.19817 9.20365 10 5 0 9.19830 9.20378 0.55 10 0.55	l	10	9.19764	9.20311	150			10	9.20158	9.20715	50	
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10	9	9.20223	9.20782	0	50	15	0	9.20613	9.21182	0	45
	10	9.20236	9.20795	50	li		lio	9.20626	9.21195	50	1
	20	9.20250	9.20808	40	1 1	j	20	9.20639	9.21208	40	1
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	40			20		1		9.20665	9.21235	20	
	50	9.20289	9.20849	10		1	50	9.20678	9.21248	10	
11	9	9.20302	9.20862	0	49	16	0	9.20691	9.21261	0	44
ı	10			50			10	9.20703	9.21274	50	
	20	9.20328	9.20889	40	1	1	20	9.20716	9.21288	40	1
	30	9.20341	9.20902	30			30	9.20729	9.21301	30	
	40	9.20354	9.20915	20				9.20742	9.21314	20	
	50	9.20367	9.20929	10			50	9.20755	9.21327	10	
12	v	9.20380	9.20942	0	48	17	0	9.20768	9.21341	0	43
	10	9.20393	9.20955	50	1	1	10	9.20781	9.21354	ko	
	20	9.20406	9.20969	40	1		20	9.20794	9.21367	40	
	30		9.20982	30	1	1	30	9.20807	9.21380	30	1
	40	9.20432	9.20995	20	1		40	9.20819	9.21393	20	ı
	50	9.20445	9.21009	10			50	9.20832	9.21407	10	·
13	0	9.20458	9.21022	0	47	18	0	9.20845	9.21420	0	42
	10	9.20471	9.21035	50			10	9.20858	9.21433	50	
	20	9.20484	9.21049	40		1	20	9.20871	9.21446	40	
	30	9.20497		30	l	1	30	9.20884	9.21459	30	
	40	9.20510	9.21075	20		1	40	9.20897	9.21473	20	
	50	9.20522	9.21089	10	1 1	1	50	9.20909	9.21486	10	
14	0	9.20535	9.21102	0	46	19	0	9.20922	9.21499	0	41
	10		9.21115	50			10	9.20935	9.21512	50	
	20	9.20561	9.21128	40		1	20	9.20948	9.21525	40	
	30	9.20574	9.21142	30		ll i	30	9.20961	9.21538	30	
	40	9.20587		20	1	11	40	9.20974	9.21552		
L	50	9.20600		10		II	50	9.20986	9.21565	10	
15	0	9.20613	9.21182	0	45	20	0	9.20999	9.21578	0	40
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20	0	9.20999	9.21578	0	40	25	0	9.21382	9.21971	0	35
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1		9.21025	9.21604	40		i	20	9.21407	9.21997	40	
1		9.21038	9.21617	30		l	30	9.21420	9.22010	30	
1	40	9.21050	9.21631	20	1		40	9.21433	9.22023	20	
B.	50	9.21063	9.21644	10		1	50	9.21445	9.22036	10	1
21	o	9.21076	9.21657	0	39	26	0	9.21458	9.22049	0	34
	10	9.21089	9.21670	50			10		9.22062		
t		9.21102	9.21683	40	1 1	1		9.21483	9.22075	140	
	80	9.21114	9.21696	30		1	30	9.21496	9.22088	30	
1		9.21127	9.21709	20		1		9.21509	9.22101	20	
	50	9.21140	9.21722	10	1	1	50	9.21521	9.22114	10	1
22	0	9.21158	9.21736	0	38	27	0	9.21534	9.22127	0	33
Ħ	10	9.21165	9.21749	50		1	10	9.21546	9.22140	50	
1	20	9.21178	9.21762	40		ı	20	9.21559	9.22153	40	
1		9.21191	9.21775	30		ll .	80	9.21572	9.22166	30	
		9.21204	9.21788	20		1		9.21584	9.22179	20	1
8	50	9.21216	9.21801	110		1	50	9.21597	9.22192	10	
23	0	9.21229	9.21814	0	37	28	0	9.21610	9.22205	0	32
	10	9.21242	9.21827	50	1	1	10	9.21622	9.22218	50	
		9.21255	9.21840	40	1	1	20	9.21635	9.22231	40	i
ı		9.21267	9.21853	30		1	30	9.21648	9.22244	30	
H		9.21280	9.21866	20		1	40	9.21660	9.22257	20	l
	50	9.21293	9.21880	10		1	50	9.21673	9.22270	10	ı
24	0	9.21306	9.21893	0	36	29	0	9.21685	9.22283	0	31
	10	9.21318	9.21906	50			10	9.21698	9.22296	50	l
I		9.21331	9.21919	40			20	9.21711	9.22309	40	1
H	30	9.21344	9.21932	30			30	9.21723	9.22322	30	l
1	40	9.21356	9.21945	20		ı	40	9.21736	9.22335	20	
I	50	9.21369	9.21958	10		۱	50	9.21748	9.22348	110	1.
25	0	9.21382	9.21971	l o	35	30	0	9.21761	9.22361	l o	30
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30	0	9.21761	9.22361	0	30	35	0	9.22137	9.22747	0	25
	10	9.21774	9.22374	150		1	10	9.22149	9.22760	150	ı
	20	9.21786	9.22387	40			20	9.22162	9.22773	40	
	30	9.21799	9.22399	30			30	9.22174	9.22786	30	1
	40	9.21811	9.22412	20	1	1	40	9.22187	9.22798	20	1 1
	50	9.21824	9.22425	10			5 0	9.22199	9.22811	10	
31	0	9.21836	9.22438	0	29	36	0	9.22211	9.22824	0	24
	10	9.21849	9.22451	50			10	9.22224	9.22837	50	1
	20	9.21861	9.22464	40			20	9.22286	9.22850	40	
1	30	9.21874	9.22477	30		l	30	9.22249	9.22862	30	1 1
	40	9.21887	9.22490	20	1 1	1	40	9.22261	9.22875	20	
	50	9.21899	9.22503	10		1	50	9.22274	9.22888	10	
32	0	9.21912	9.22516	0	2 8	37	0	9.22286	9.22901	0	23
	10	9.21924	9.22528	50		1	10	9.22299	9.22913	50	
	20		9.22541	40		1	20	9.22311	9.22926	40	1
	80	9.21949	9.22554	30		ı	30	9.22323	9.22939	30	1
	40	9.21962	9.22567	20		1	40	9.22336	9.22952	20	
	50	9.21974	9.22580	10			50	9.22348	9.22965	10	
33	9	9.21987	9.22598	٥	27	38	0	9.22361	9.22977	0	22
	10	9.21999	9.22606	50		ì	10	9.22378	9.22990	50	ll
1	20	9.22012	9.22619	40	1	1	20	9.22385	9.23003	40	ı
	30			30	ΙÍ	1	30	9.22398	9.23016	30	
	40	9.22087	9.22644	20		ı	40	9.22410	9.23028	20	1 1
	50	9.22049	9.22657	10		1	50	9.22423	9.23041	10	l
34	0	9.22062	9.22670	0	26	39	0	9.22435	9.23054	0	21
ł	10		9.22683	50			10	9.22447	9.23067	50	
	20		9.22696	49		1	20	9.22460	9.23079	40	
H	30			30		1	30	9.22472	9.23092	30	
	40	9.22112	9.22721	20		1	40	9.22484	9.23105	20	1
	50	9.22124	9.22734	10	_	l	50	9.22497	9.23118	10	1
35	0	9.22187	9.22747	0	25	40	0	9.22509	9.23130	0	20
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40	9	9.22509	9.23130	0	20	45	0	9.22878	9.23510	0	15
	10	9.22522	9.23143	50		l	10	9.22891	9.23523	50	1
1	20	9.22534	9.23156	40	1		20	9.22903	9.23535	40	1 1
il i	30	9.22546	9.23168	30	1	1	30	9.22915	9.23548	30	ll
1	40 50	9.22559 9.22571	9.23181	20 10	1	l	40 50	9.22927	9.23561	2 0 10	
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41	0	9.22583	9.23206	0	19	46	0	9.22952	9.23586	0	14
	10	9.22596	9.23219	50		1	10	9.22964	9.23598	50	
	20	9.22608	9.23232	40		1	20	9.22976	9.23611	40	1 1
1	30	9.22620	9.23245	30		l	30	9.22989	9.23624	30	1 1
	40	9.22633	9.23257	20	l		40	9.23001	9.23636	20	ı
	50	9.22615	9.23270	10			50	9.23013	9.23649	10	lΙ
42	0	9.22657	9.23283	0	18	47	0	9.23025	9.23661	0	13
	10	9.22670	9.23295	50	1 1		10	9.23037	9.23674	50	H
1	20	9.22682	9.23308	40	1 1	1	20	9.23050	9.23687	40	ll
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1	40	9.22706	9.23333	20	1 1	1	40		9.23712	20	1 [
	50	9.22719	9.23346	110	il	l	50	9.23086	9.23724	10	
43	0	9.22731	9.23359	0	17	48	0	9.23098	9.23787	0	12
	10	9.22743	9.23371	50			10	9.23111	9.23749	50	
1	20	9.22756	9.23384	40	1 1	ļ	20	9.23123	9.23762	40	l
	3 0	9.22768	9.23397	30		1	30	9.23135	9.23774	30	1 1
11	40	9.22780	9.23409	20	1 1		40	9.23147	9.23787	20	1 1
	50	9.22793	9.23422	10			50	9.23159	9.23799	10	il
44	0	9.22805	9.23435	0	16	49	0	9.23171	9.23812	0	11
	10	9.22817	9.23447	50		l	10	9.23184	9.23825	50	
	20	9.22829	9.23460	40		ı	20	9.23196	9.23837	40	
	30	9.22842	9.23472	30	1 1	1	30	9.23208	9.23850	30	ı
	40	9.22854	9.23485	20	1	1	40	9.23220	9.23862	20	l l
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54	0	9.22878	9.23510	0	15	50	o	9.23244	9.23887	10	10
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50	0	9.23244	9.23887	U	10	55	0	9.23607	9.24261	0	5
	10	9.23257	9.23900	50			10	9.23619	9.24273	lsoi	- 1
	20	9.23269	9.23912	40			20	9.23631	9.24286	40	- 1
	3υ	9.23281	9.23925	30		1		9.23643	9.24298	30	
	40	9.23293	9.23937	20				9.23655	9.24311	20	
	50	9.23305	9.23950	10			50	9.23667	9.24323	10	
51	0	9.23317	9.23962	0	9	56	0	9.23679	9.24335	0	4
	10	9.23329	9.23975	50		1	10	9.23691	9.24348	50	
	20	9.23341	9.23987	40		1	20	9.23708	9.24360	40	
	30	9.23354	9.24000	30		ll .	30		9.24373	30	
	40	9.23366	9.24012	20		ll	40	9.23728	9.24385	20	
	50	9.23378	9.24025	10		l	50	9.23740	9.24397	10	
52	o	9.23390	9.24037	0	8	57	0	9.23752	9.24410	0	3
	10	9.23402	9.24050	150	ļ	li i	10	9.23764	9.24422	50	
	20	9.23414	9.24062	40		ll ·	20	9.23776	9.24434	40	
8	30	9.23426	9.24074	30			30	9.23788	9.24447	30	
	40	9.23438	9.24087	20		11	40	9.23800	9.24459	20	
	50	9.23450	9.24099	10	1		50	9.23812	9.24472	10	
53	0	9.23462	9.24112	0	7	58	0	9.23823	9.24484	0	2
	10	9.23475	9.24124	50	ļ	ll	10	9.23835	9.24496	50	
;	20	9.23487	9.24137	40	1	11	20	9.23847	9.24509	40	
8	30	9.23499	9.24149	30	1	!!	30	9.23859	9.24521	30	
H	40	9.23511	9.24162	20	ı	H	40		9.24533	20	
ı	50	9.23523	9.24174	10	1	!	50	9.23883	9.24546	10	
54	9	9.23535	9.24186	0	6	59	0	9.23895	9.24558	0	1
Į.	10	9.23547	9.24199	50	1	ii 💮	10	9.23907	9.24570	50	
1	20	9.23559	9.24211	40		li	20		9.24583	40	1
ı	30	9.23571	9.24224			ll l	30		9.24595	30	ı
ı	40	9.23583	9.24236	20		ll l	40		9.24607	20	1
ı	50	9.23595	9.24249	10		11	50		9.24620	110	١.
55	0	9.23607	9.24261	0	5	60	10	9.23967	9.24632	0	0
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0	0	9.23967	9.24632	0	60	5	0	9.24324	9.25000	0	55
1	10	9.23979	9.24644	50			10	9.24336	9.25012	50	
ı	20	9.23991	9.24656	40	ł I		20	9.24347	9.25024	40	1
ı	30	9.24008	9.24669	30	1		30	9.24359	9.25036	30	
l	40	9.24015	9.24681	20		1	40	9.24371		20	!
	50	9.24027	9.24693	110	1 1		50	9.24383	9.25061	10	
1	0	9.24039	9.24706	0	59	6	0	9.24395	9.25078	0	54
ļ	10	9.24051	9.24718	50	H		10	9.24407	9.25085	120	
l	20	9.24062	9.24730	40			20	9.24418	9.25097	40	
1	30	9.24074	9.24748	30	1 1		30	9.24430	9.25110	30	1
	40	9.24086	9.24755	20	1 1		40	9.24442	9.25122	20	H
1	50	9.24098	9.24767	10	1 1		50	9.24454	9.25134	10	
2	0	9.24110	9.24779	0	58	7	0	9.24466	9.25146	0	53
1	10	9.24122	9.24792	50]	1	10	9.24477	9.25158	50	
l l	20	9.24134	9.24804	40			20	9.24489	9.25170	40	1
	30	9.24146	9.24816	30		1	30	9.24501	9.25183	30	
		9.24158	9.24828	20			40	9.24518	9.25195	20	l
ł	50	9.24170	9.24841	10	ll	1	50	9.24525	9.25207	10	
3	0	9.24181	9.24853	0	57	8	0	9.24536	9.25219	0	52
1	10	9.24193	9.24865	50			10	9.24548	9.25231	150	
lì	20	9.24205	9.24877	40			20	9.24560	9.25243	40	1
ı	30	9.24217	9.24890	30			30	9.24572	9.25256	30	
	40	9.24229	9.24902	20	1 1		40	9.24583	9.25268	20	1
1	50	9.24241	9.24914	10			50	9.24595	9.25280	10	1
4	0	9.24253	9.24926	0	56	9	0	9.24607	9.25292	0	51
	10	9.24264	9.24939	50			10	9.24619	9.25804	50	
l	20	9.24276	9.24951	40		1	20	9.24630	9.25316	40	l
H	30	9.24288	9.24963	30			30	9.24642	9.25328	30	
H	40	0.24000	9.24975	20			40	9.24654	9.25341	20	
H	50	9.24312	9.24988	10	1		50	9 24666	9.25353	10	
_5	0	9.24324	9.25000	0 ا	55	10	0	9.24677	9.25365	0	50
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10	0	9.24677	9.25365	0	50	15	0	9.25028	9.25727	10	45
ł	10	9.24689	9.25377	50		l	10	9.25040	9.25739	50	1 1
ı	20	9.24701	9.25389	40		1	20	9.25052	9.25751	40	1 1
1	30	9.24713	9.25401	30		I	30	9.25063	9.25763	20	
1	40	9.24724	9.25413	20		ll .	40	9.25075	9.25775	20	
	50	9.24736	9.25425	10		1	50	9.25086	9.25787	10	
11	0	9.24748	9.25437	0	49	16	0	9.25098	9.25799	0	44
	10		9.25450	50			10	9.25110	9.25811	50	
	20	9.24771	9.25462	40		1	20	9.25121	9.25823	40	
	30	9.24783	9.25474	30	ı	ı	30	9.25133	9.25835	30	
	40	9.24795	9.25486	20		ı	40	9.25144	9.25847	20	
	50	9.24806	9.25498	10		1	50	9.25156	9.25859	10	
12	9	9.24818	9.25510	0	48	17	0	9.25168	9.25871	0	43
	10	9.24830	9.25522	50			10	9.25179	9.25883	50	
	20	9.24842	9.25534	40		I	20	9.25191	9.25895	40	
	30	9.24853	9.25546	30			30	9.25203	9.25907	30	
	40	9.24865	9.25558	20	1	1	40	9.25214	9.25919	20	
	50	9.24877	9.25570	10			50	9.25226	9.25931	10	
13	0	9.24888	9.25582	0	47	18	0	9.25287	9.25943	0	42
1	10	9.24900	9.25594	50	li		10	9.25249	9.25955	50	
1 .	20	9.24912	9.25607	40			20	9.25260	9.25967	40	
		9.24923	9.25619	30			30	9.25272	9.25979	30	i
	40	9.24935	9.25631	20			40	9.25284	9.25991	20	
	50	9.24947	9.25643	10			50	9.25295	9.26003	10	
14	0	9.24958	9.25655	0	46	19	0	9.25307	9.26015	9	41
	10	9.24970	9.25667	50			10	9.25318	9.26027	50	- 1
	20	9.24982	9.25679	40			20	9.25330	9.26039	40	H
l	30	9.24993	9.25691	30		1	30	9.25341	9.26050	30	ļ
1	40	9.25005	9.25703	20		1	40	9.25358	9.26062	20	- 1
	50	9.25017	9.25715	10			50	9.25365	9.26074	10	
15	0	9.25028	9.25727	0	45	20	0	9.25376	9.26086	0	40
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20 9.25399 9.26110 40 30 9.25744 9.26473 30 9.25755 9.26473 30 9.25755 9.26473 30 9.25755 9.26473 30 9.25755 9.26473 30 9.25755 9.26473 30 9.25757 9.26473 30 9.25757 9.26502 30 9.25744 9.26126 30 9.25773 9.26502 30 9.25468 9.26182 40 9.25468 9.26182 40 9.25469 9.26194 30 9.25469 9.26194 30 9.25469 9.26194 30 9.25324 9.26245 30 9.25324 9.26245 30 9.25324 9.26245 30 9.25324 9.26253 30 9.25526 9.26217 30 9.25325 9.26535 30 9.25549 9.26253 30 9.25549 9.26253 30 9.25549 9.26253 30 9.25573 9.26528 30 9.25573 9.26628 30 9.25573 9.26632 30 9.25560 9.265717 9.26629 9.26535 30 9.255618 9.26325 30 9.255618 9.26324 40 9.25925 9.26632 30 9.25664 9.26324 40 9.25925 9.26632 30 9.25664 9.26324 40 9.25925 9.26632 30 9.25664 9.26326 30 9.25664 9.26326 30 9.25966 9.26326 30 9.25966 9.26736 30 9.25966 9.26738 30 9.25664 9.26325 30 9.25664 9.26325 30 9.25664 9.26325 30 9.25664 9.26325 30 9.25664 9.26325 30 9.25664 9.26325 30 9.25664 9.26325 30 9.25664 9.26326 30 9.25662 30 9.25662 30 9.25662 30 9.25662 30 9	o	35	1	0	1	9.26443	9.25721	0	25	40	9	9.26086	9.25876	예	20
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	10	9.26075	9.26808	50	H	ll .	10	9.26414	9.27160	50	
	20	9.26086	9.26820	40		ļļ.	20		9.27171	40	
	30	9.26097	9.26832	30		H	30	9.26437	9.27183	30	
1		9.26109	9.26844	20		1	40	9.26448	9.27195	20	
	50	9.26120	9.26855	10		1	50	9.26459	9.27206	10	1 1
31	0	9.26131	9.26867	0	29	36	0	9.26470	9.27218	0	24
	10	9.26143	9.26879	50		1	10		9.27229	50	
1	20	9.26154	9.26891	40		1	20	9.26493	9.27241	40	i
	30	9.26165	9.26902	30	ı	1	30	9.26504		30	
1 1	40	9.26177	9.26914	20		ı	40		9.27264	20	
	50	9.26188	9.26926	10	1	1	50	9.26527	9.27276	110	
32	0	9.26199	9.26937	0	28	37	0	9.26538	9.27288	0	23
	10	9.26211	9.26949	50		1	10	9.26549	9.27299	50	
1	20	9.26222	9.26961	40	1	1	20	9.26560	9.27311	40	
	30	9.26233	9.26973	30		1	30	9.26571	9.27322	30	
	40	9.26245	9.26984	20		Ι.	40	9.26583	9.27334	20	. 1
	50	9.26256	9.26996	10			50	9.26594	9.27346	10	
33	0	9.26267	9.27008	0	27	38	0	9.26605	9.27357	0	22
	10	9.26279	9.27019	50			10	9.26616	9.27369	50	
	20	9.26290	9.27031	40		1	20	9.26628	9.27381	40	
	30	9.26301	9.27043	30			30	9.26639	9.27392	30	1
	40	9.26312	9.27054	20		1	40	9.26650	9.27404	20	
1 1	50	9.26324	9.27066	10	1		50	9.26661	9.27415	10	
34	0	9.26335	9.27078	0	26	39	0	9.26672	9.27427	0	21
	10	9.26346	9.27090	50			10	9.26684	9.27439	50	i
	20	9.26358	9.27101	40			20	9.26695	9.27450	40	
	30		9.27113	30	l l		30	9.26706	9.27462		
	40	9.26380	9.27125	20		Į	40	9.26717	9.27473	20	
	50	9.26391	9.27136	10		1	50	9.26728	9.27485	10	
35	0	9.26403	9.27148	0	25	40	0	9.26739	9.27496	0	20
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40	0	9.26739	9.27496	O	20	45	0	9.27073	9.27842	0	15
	10	9.26751	9.27508	50			10		9.27854	50	
	20	9.26762		140	1		20	9.27096	9.27865	40	
	89	9.26773 9.26784	9.27531	30 20		1	30 40	9.27107	9.27877	30 20	
9	50	9.26795	9.27554	10	1		50	9.27129	9.27900	10	
41	0	9.26806	9.27566	0	19	46	0	9.27140	9.27911	0	14
	10	9.26818	9.27577	50		l	10	9.27151	9.27923	150	
	20	9.26829	9.27589	40	ll	1	20	9.27162	9.27934	40	
	30	9.26840	9.27601	30			30	9.27178	9.27946	30	
H	40 50	9.26851	9.27612 9.27624	20 10	ı	1	40 50	9.27184	9.27957 9.27969	20 10	
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42	0	9.26878	9.27635	0	18	47	0	9.27206	9.27980	l٥	13
	10	9.26885	9.27647	50	ı		10	9.27217	9.27992	50	ı
	20 30	9.26896 9.26907	9.27658	40 30	1 1		20 30	9.27228	9.28003	40 30	l
	4 0	9.26918	9.27670 9.27681	20	1 1	1	40	9.27240 9.27251	9.28014 9.28026	20	١.
	50	9.26929	9.27693	10			50	9.27262	9.28037	10	
43	0	9.26940	9.27704	0	17	48	0	9.27278	9.28049	0	12
į į	10	9.26951	9.27716	50			10	9.27284	9.28060	50	
	20	9.26962	9.27727	40			20	9.27295	9.28072	40	
	80	9.26974	9.27739	30			30	9.27306	9.28083	30	
	40 50	9.26985	9.27750 9.27762	20 10			40 50	9.27317 9.27328	9.28095 9.28106	20 10	
44			9.27778	I	16	49	11	9.27339	9.28117	1	11
	10	9.27018	9.27785	50			١,,	9.27350	9.28129	50	
	20	9.21018	9.27796	30 40			10 20	9.27361	9.28140	40	١.
	30	9.27040	9.27808	30	1		30	9.27372	9.28152	30	}
	40		9.27819	20	1		40	9.27383	9.28163		
		9.27062	9.27831	10		I	50	9.27394	9.28174	10	١.,
45	0	9.27078	9.27842	10	15	50	0	9.27405	9.28186	10	10
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50	이	9.27405	9.28186	0	10	55	0	9.27734	9.28527	0	5
	10	9.27416	9.28197	50	1		10	9.27745	9.28538	50	
	20	9.27427	9.28209	40	l i		20	9.27755	9.28549	40	
	80	9.27438	9.28220	30		1	30	9.27766	9.28561	30	
		9.27449	9.28231	20			40	9.27777	9.28572	20	
	50	9.27460	9.28243	10		1	50	9.27788	9.28583	10	
51	٨	9.27471	9.28254	,	9	56	٦	9.27799	9.28595	۱,	Δ
3.				,	3	30				1	-
1	10		9.28266	50			10		9.28606	50	
	20	9.27493	9.28277	40			20	9.27821	9.28617	40	1
1	30	9.27504	9.28288	30	1		30	9.27832	9.28629	30	
	40		9.28300	20			40	9.27843	9.28640	20	
	50	9.27526	9.28311	10		1	50	9.27854	9.28651	10	
52	0	9.27537	9.28323	0	8	57	0	9.27864	9.28662	0	3
	10	9.27548	9.28334	50			10	9.27875	9.28674	50	- 1
	20	9.27559	9.28345	40	i		20	9.27886	9.28685	40	1
1	30	9.27570	9.28357	30	1		30	9.27897	9.28696	30	i i
1	40	9.27581	9.28368	20			40	9.27908	9.28708	20	1
	50	9.27591	9.28379	10			50	9.27919	9.28719	10	
53	0	9.27602	9.28391	0	7	58	0	9.27930	9.28730	0	2
1	10	9.27613	9.28402	50	1 1	1	10	9.27941	9.28741	50	
1	20	9.27624	9.28413	40	1		20	9.27951	9.28753	40	
	30	9.27635	9.28425	30			30	9.27962	9.28764	30	
1	40	9.27646	9.28436	20			40	9.27978	9.28775	20	
	50	9.27657	9.28447	10			50	9.27984	9.28786	10	
54	0	9.27668	9.28459	0	6	59	0	9.27995	9.28798	0	1
	10	9.27679	9.28470	50		1	10	9.28006	9.28809	50	
1			9.28481	40	1	1	20	9.28017	9.28820	40	1 8
1	30	9.27701	9.28493	30			30	9.28027	9.28831	30	
1	40	9.27712	9.28504	20			40	9.28038	9.28843	20	
	50	9.27723	9.28515	10			50	9.28049	9.28854	10	1
55	0	9.27734	9.28527	0	5	60	0	9.28060	9.28865	اه ا	0
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0	0	9.28060	9.28865	0	60	5	0	9.28384	9.29201	0	55
	10	9.28071	9.28876	50			10	9.28394	9.29212	50	
i i	20	9.28082	9.28888	40	1	ł	20	9.28405	9.29224	40	1
	30 40	9.28092	9.28899 9.28910	30 20	1		30 40	9.28416 9.28427	9.29235 9.29246	30 20	1
1	50	9.28114	9.28921	lio	1	l	50	9.28437	9.29257	lĩo	l I
1		9.28125	9.28932	١,	59	6	0	9.28448	9.29268	l؞	54
1 1	١٢	9.28125	9.25934	ľ	33	י ו		9.20110	9.29200	1	34
	10		9.28944	50		ï	10	9.28459	9.29279	50	
l	20	9.28146 9.28157	9.28965 9.28966	40 30			20 30	9.28469 9.28480	9.29290 9.29302	40 30	
1	30 40	9.28168	9.28978	20	1	ı	40		9.29313	20	1
J	50	9.28179	9.28989	10		1	50	9.28502	9.29324	10	
2	0	9.28190	9.29000	٥	58	7	0	9.28512	9.29335	0	53
ı	10		9.29011	50		1		9.28523		50	
1	20	9.28211	9.29022	40		1	20	9.28534	9.29357	40	
1		9.28222	9.29034	30 20	1	1	30	9.28545 9.28555	9.29868	30 20	1 1
Ħ	50	9.28244	9.29056	10	1	1	50	9.28566	9.29391	lio	1 1
3	0	9.28254	9.29067	0	57	8	0	9.28577	9.29402	0	52
li .	10	9.28265	9.29078	50			10	9.28587	9.29413	50	
li l	20	9.28276	9.29090	40	1 1	1	20	9.28598	9.29424	40	
1	30	9.28287	9.29101	30 20			30	9.28609 9.28619	9.29435 9.29446	30	
8	40 50	9.28308	9.29123	lio		1	40 50	9.28680	9.29457	20 10	
4	1	9.28319	9.29134	1	56	9	-	9.28641	9.29468	1 -	51
H	10	9.28330	9.29145	50		ı	10	9.28651	9.29479	50	
ı	20	9.28341	9.29157	40		l	20	9.28662	9.29491	40	
H	30 40	9.28351	9.29168	30 20		1	30 40	9.28673 9.28683	9.29502 9.29513	30 20	
		9.28373	9.29190	10			50		9.29524	10	
5	()	9.28384	9.29201		55	10		9.28705	9.29535		50
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10	0	9.28705	9.29535	0	50	15	0	9.29024	9.29866	10	45
	10	9.28715	9.29546	50		1	10	9.29034	9.29877	50	
1	20	9.28726	9.29557	40	1		20	9.29045	9.29888	40	1
	30	9.28737	9.29568	30		1	30	9.29055	9.29899	30	1
1	40	9.28747	9.29579	20	1	1	40	9.29066	9.29910	20	
	50	9.28758	9.29590	10		1	50	9.29076	9.29921	10	
11	0	9.28769	9.29601	0	49	16	0	9.29087	9.29932	0	44
	10	9.28779	9.29612	50		l	10	9.29098	9.29943	50	
	20	9.28790	9.29623	40		ll .	20	9.29108	9.29954	40	1 1
	30	9.28801	9.29635	30			30	9.29119	9.29965	30	
	40	9.28811	9.29646	20	1	1	40	9.29129	9.29976	20	1 1
	50	9.28822	9.29657	10	1	ı	50	9.29140	9.29987	10	
12	0	9.28833	9.29668	٥	48	17	0	9.29150	9.29998	0	43
	10	9.28843	9.29679	l 50			10	9.29161	9.30009	150	1
	20	9.28854	9.29690	40			20	9.29172	9.30020	40	(
	30	9.28864	9.29701	30		l	30	9.29182	9.20031	30	1 1
	40	9.28875	9.29712	20	1	1	40	9.29193	9.30042	20	
	50	9.28886	9.29723	10			50	9.29203	9.30053	10	l
13	0	9.28896	9.29734	0	47	18	0	9.29214	9.30064	0	42
	10	9.28907	9.29745	50		1	10	9.29224	9.30075	50	
	20	9.28918	9.29756	40		l	20	9.29235	9.30086	40	
	30	9.28928	9.29767	30		lł –	30		9.30097	30	1
	40	9.28939	9.29778	20		l	40	9.29256	9.30108	20	
	50	9.28949	9.29789	10		l	50	9.29266	9.30119	10	1 1
14	0	9.28960	9.29800	0	46	19	0	9.29277	9.30130	0	41
	10	9.28971	9.29811	50		1	10	9.29287		50	ı
	20	9.28981	9.29822	40		il .	20	9.29298	9.30151	40	1 4
	30	9.28992	9.29833	30	1	ll .	30	9.29308	9.30162	30	1
	40	9.29002	9.29844	20			40	9.29319	9.30173	20	i 1
	50	9.29013	9.29855	10	ı		50	9.29329	9.30184	10	i I
15	0	9.29024	9.29866	0	45	20	0	9.29340	9.30195	0	40
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20	0	9.29340	9.30195	0	40	25	0	9.29654	9.30522	0	35
1	10	9.29350	9.30206	50		1	10	9.29664	9.30533	50	
	20	9.29361	9.30217	40		1	20	9.29675	9.30544	40	1
ı	30	9.2937L	9.30228	30	1		30	9.29685	9.30554	30	1
	40	9.29382	9.30239	20		1	40	9.29696	9.30565	120	1
	50	9.29392	9.30250	10		1	50	9.29706	9.30576	10	1
21	9	9.29408	9.30261	0	39	26	0	9.29716	9.30587	0	34
	10	9.29413	9.30272	50		ı	10	9.29727	9.30598	50	1
	20	9.29424	9.30282	40	1 1	1	20	9.29131	9.30609	40	1
	30	9.29434	9.30293	30	H	1	30	9.29748	9.30619	30	1
	40	9.29445	9.30304	20	i i		40	9.29758		20	1 1
	50	9.29455	9.30815	10		I	50	9.29768	9.30641	10	
22	9	9.29466	9.30326	0	3 8	27	0	9.29779	9.30652	0	33
•	10	9.29476	9.30337	50	1 1	ll l	10	9.29789	9.20663	50	
•	20	9.29487	9.30848	40	1 1	1	20	9.29800	9.30674	40	ı
	80	9.29497	9.30359	30	1	1	30	9.29810	9.30684	30	l 1
•	40	9.29508	9.30370	20	1 1		40	9.29820	9.30695	20	
•	50	9.29518	9.30381	10		1	50	9.29831	9.30706	10	l
23	9	9.29529	9.30391	0	37	28	0	9.29841	9.30717	O	32
	10	9.29539	9.30402	50	1		10	9.29852	9.30728	50	1 1
	20	9.29550	9.30413	40		l	20	9.29862	9.30738	40	1
	30	9.29560	9.30424	30	1	1	30	9.29872	9.30749	30	
	40	9.29570	9.30435	20	1 1	11	40	9.29883	9.20760	20	1
	50	9.29581	9.30446	10		1	50	9.29893	9.30771	10	
24	9	9.29691	9.30457	0	36	29	0	9.29903	9.30782	0	31
	10	9.29602	9.30468	50		l	10	9.29914	9.30792	50	
	20	9.29612	9.30478	40		H	20	9.29924	9.30803	40	
	30	9.29623	9.30489	30	1	l	30	9.29934	9.30814	30	1
	40	9.29623	9.30500	20	ı	ll l	40	9.29945	9.30825	20	
	50	9.29643	9.30511	10		ll .	50	9.29955	9.30835	10	1
25	0	9.29654	9.30522	0	35	30	O	9.29966	9.30846	Ιo	30
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30	0	9.29966	9.30846	0	30	35	0	9.30275	9.31168	U	25
1 1	10	9.29976	9.30857	50	l i		10	9.20285	9.31179	50	
1 1	20	9.29986	9.30868	40			20	9.30295	9.21190	40	
1 1	30	9.29997	9.30879	30	1			9.30306	9.31201	30	
1		9.30007	9.30689	20		1	40	9.30316	9.31211	20	
	50	9.30017	9.20900	10			50	9.30326	9.31222	10	
31	0	9.30028	9.30911	0	29	36	0	9.30336	9.31283	U	24
lΙ	10	9.30038	9.80922	50			10	9.30347	9.81243	50	
1 1	20	9.80048	9.30932	40			20	9.30357	9.31254	40	
	80	9.30059	9.30943	30	1 1		30	9.30367	9.31265	30	
1	40	9.30069	9.30954	20		1	40	9.30377	9.31275	20	
1 :	50	9.30079	9.30965	10		Ι.	50	9.30388	9.31286	10	l
32	0	9.80090	9.20975	0	28	37	0	9.20398	9.81297	o	23
	10	9.30100	9.20986	50	ll	l	10	9.20408	9.31207	50	
	20	9.30110	9.20997	40	ll	1	20	9.30418	9.21318	40	
K 1	30	9.30120	9.31008	30			30	9.30429	9.21329	30	
	40	9.20131	9.31018	20			40	9.30439	9.31339	20	
	50	9.30141	9.31029	10			50	9.30449	9.31350	ΙO	
33	0	9.30151	9.31040	0	27	38	0	9.30459	9.31361	0	22
	10	9.30162	9.31051	50		ļ	10	9.30470	9.31371	60	1
	20	9.30172	9.31061	40		1	20	9.30480	9.31382	40	
	20	9.30182	9.31072	30		1	30	9.30490	9.81393	30	1
	40	9.30198	9.31083	20		ll .	40	9.30500	9.31403	20	
	50	9.30203	9.31093	10		ll .	50	9.30510	9.81414	10	
34	9	9.30218	9.81104	0	26	39	0	9.80521	9.31425	0	21
	10		9.31115	50			10	9.30531	9.81435	50	
	20	9.30234	9.81126	40		N	20	9.30541	9.31446	40	
1	3 0			30		H	30	9.30551	9.81457	30	ı
Į.	40	9.30254		20	1	H	40	9.30561	9.81467	20	
1	50	9.30265	9.31158	10		11	50	9.30572	9.31478	10	_
35	0	9.30275	9.31168	0	25	40	0	9.30582	9.21489	0	20
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40	0	9.30582	9.31489	0	20	45	0	9.30887	9.31806	10	15
	10		9.31499	50		l	10	9.30897	9.31817	50	1 1
	20		9.31510	40			20	9.30907	9.31828	140	1 1
	30		9.31520	30			30	9.30917	9.31838	30	1 1
	40		9.31531	20	1		40	9.30927	9.31849	20	
	50	9.30633	9.81542	10			50	9.30937	9.31859	10	1 1
41	0	9.30643	9.81552	0	19	46	0	9.30947	9.31870	0	14
	10	9.30653	9.81563	50			10		9.31880	50	1 1
	20	9.30663	9.31573	40			20		9.81891	40	
	30	9.30674	9.31584	30			30		9.31901	30	
	40 50	9.30684	9.31595	20	!		40		9.31912	20	
li	90	9.30694	9.31605	10			50	9.30998	9.31922	10	1 1
42	U	9.30704	9.31616	0	18	47	0	9.31008	9.31933	0	13
1 1	10	9.30714	9.31627	50	1		10	9.31018	9.31943	50	1 1
	20	9.30724	9.31637	40		1	20	9.31028	9.31954	40	1 1
i i	30	9.30735	9.31648	30	1 1		30	9.31038	9.31965	30	1 1
	40		9.31658	20	1	1	40	9.31048	9.31975	20	1 1
	50	9.30755	9.31669	10			50	9.31058	9.31986	10	
43	0	9.30765	9.31679	0	17	48	0	9.31068	9.81996	0	12
4	10	9.30775	9.31690	50			10	9.31079	9.32007	50	
1	20	9.30785	9.31701	40	H	1	20	9.31089	9.32017	40	
1	30	9.30795	9.31711	30			30	9.31099	9.32028	30	1
1	40	9.30806	9.31722	20		1	40	9.31109	9.32038	20	
	50	9.30816	9.81732	10			50		9.32049	10	
44	0	9.30826	9.31743	0	16	49	0	9.31129	9.32059	0	11
	10	9.30836	9.31754	50			10	9.31139		50	
	20	9.30846	9.31764	40			20	9.31149	9.32080	40	
	30	9.30856	9.31775	30		I	30	9.31159	9.32091	30	I
	40	9.30866	9.31785	20			40		9.32101	20	
	50	9.80877	9.31796	10			50	9.31179	9.32112	10	
45	0	9.30887	9.31806	0	15	50	0	9.31189	9.82122	0	10
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50		9.31189	9.32122	l۰	10	55	0	9.31490	9.32436	0	5
	10		9.32133	50	1	ll .	10	9.31500	9.32446	50	
	20		9.32143	10	1	ll .	20	9.31510	9.32457	40	
	30			30		il .	30	9.31520	9.32467	30	
	40		9.32164	20	1		40	9.31530	9.32478	20	
	50	9.31239	9.32175	10	l Ì		50	9.31540	9.32488	10	
51	0	9.31250	9.32185	0	9	56	0	9.31549	9.32498	0	4
	10		9.32196	50			10			50	
	20	9.31270	9.32206	40	1	ll .	20		9.32519	40	
	30	9.31280	9.32216	30		ll	30			30	
	40	9.31290	9.32227	20		l	40		9.32540	20	
	50	9.31300	9.32237	10			50	9.31599	9.32550	10	
52	0	9.31310	9.32248	0	8	57	0	9.31609	9.32561	0	3
ı	10	9.31320	9.32258	50	i	11	10	9.31619	9.32571	50	
	20	9.31330	9.32269	40		ll .	20		9.32582	40	1
	30	9.31340	9.32279	30		11	30	9.31639		30	١,
	40	9.31350	9.32290	20		1	40		9.32602	20	1
	50	9.31360	9.32300	10		l	50		9.32613	ΙÕ	
53	0	9.31370	9.32311	0	7	58	0	9.31669	9.32623	0	2
	10	9.31380	9.32321	50			10	9.31679	9.32633	50	
	20	9.31390	9.32332	40	l	li .	20		9.32644	40	l
	30	9.31400	9.32342	30	1	1	30	9.31699	9.32654	30	
	40	9.31410	9.32352	20			40	9.31709	9.32665	20	
	50	9.31420	9.32363	10		I	50	9.31718	9.32675	10	
54	0	9.31430	9.32373	0	6	59	U	9.31728	9.32685	0	1
	10		9.32384	50			10		9.32696	50	
	20	9.31450	9.32394	40		II	20	9.31748	9.32706	40	
	30	9.31460	9.32405	30		1	30		9.32716	30	
1 1	40		9.32415	20		ll .	40		9.32727	20	
	50	9.31480	9.32425	10		_	50	9.31778	9.32737	10	
55	0	9.31490	9.32436	0	5	60	0	9.31788	9.32747	0	0
1	,,	COS	cotg	,,	,	,	,,	сов	cotg	,,	,

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,	"	sin	tang	,,	1	1	,,	sin	tang	,,	1
0	0	9.31788	9.32747	0	60	5	0	9.32084	9.33057	0	55
1	10	9.31798	9.32758	50		1	10	9.32094	9.33067	50	
	20	9.31808	9.32768	40			20	9.32104	9.33078	40	
1 1	30	9.31818	9.32779	30	ll	l	30 40		9.33088	30 20	
	40 50	9.31827 9.31837	9.32789	20 10		ŀ	50	9.32123	9.33108	110	
1	-				اء۔ا	١.	-			1	١.١
1	0	9.31847	9.32810	0	59	6	0	9.32143	9.33119	0	54
1 1	10	9.31857	9.32820	50	i		10		9.33129	50	
1	20	9.31867	9.32830	40			20		9.33139	40	
	30		9.32841	30			30 40		9.33150 9.33160	30	
	40 50		9.32851	20 10	l		50			20 10	
l i						۱.				-	
2	0	9.31907	9.32872	0	58	7	0	9.32202	9.33180	0	53
	10	9.31916		50			10		9.33191	50	
	20	9.31926	9.32892	40			20	9.32221	9.33201	40	
	30	9.31936 9.31946	9.32902 9.32913	30 20	1 1		30 40		9.33211	30 20	
	50		9.32923	10			50	9.32251	9.33232	10	
	-		J.02320	ľ		٠ _				ľ	
3	0	9.31966	9.32933	0	57	8	0	9.32261	9.33242	0	52
	10	9.31976	9.32944	50			10	9.32270	9.33252	50	1 1
1	20		9.32954	40			20		9.33262	40	
	30		9.32964	30			30		9.33273	30	
1	40 50	9.32005 9.32015	9.32975 9.32985	20 10	ı	1	40 50	9.32300	9.33283 9.33293	20	
					-	١.				1	1 1
4	0	9.32025	9.32995	0	56	9	0	9.32319	9.33303	l º	51
1	10			50				9.32329	9.33313	50	
		9.32045	9.33016	40			20		9.33324	40	
	30 40	9.32054	9.33026 9.33036	30 20			30		9.33334	30 20	
1	50	9.32074	9.33047	10		~	40 50	9.32358	9.33354	100	
5		9.32084	9.83057		55	10		9.82378	9.33365		50
	,,	COS	-		_	,	_			Ţ,,	H
<u>''</u>	"		1 00.8	<u>'''</u>	<u>'</u>	<u>''</u>	ı''		1 00.08	<u>'''</u>	! '

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10	0	9.32378	9.33365	0	50	15	0	9.32670	9.33670	0	45
ı	10	9.32388	9.33375	50			10	9.32680	9.33680	50	
1		9.32398	9.33385	40				9.32689	9.33691	40	
1		9.32407	9.33395	30		1		9.32699	9.33701	30	
		9.32417	9.33405	20				9.32709	9.33711	20	
1	50	9.32427	9.33416	10			50	9.32718	9.33721	10	
11	0	9.32437	9.33426	0	49	16	0	9.32728	9.33731	0	44
	10					1	10	9.32738	9.33741	50	
1	20		9.33446	40			20	9.32747	9.33751	40	
	30		9.33457	30			30	9.32757	9.83762	30	
l	40		9.33467	20	1		40	9.32767	9.33772	20	1 1
l	50	9.32485	9.33477	10	1 1		50	9.32777	9.33782	10	
12	0	9.32495	9.33487	0	48	17	0	9.32786	9.33792	0	43
١.	10	9.32505	9.33497	50	1 1		10	9.32796	9.33802	50	
1		9.32515	9.33507	40				9.32806	9.33812	40	
ı	30	9.32524	9.33518	30				9.32815	9.33822	30	
ı		9.32534	9.33528	20		1	40	9.32825	9.33832	20	
	50	9132544	9.33538	10			50	9.32834	9.33843	10	
13	0	9.32553	9.33548	0	47	18	0	9.32844	9.33853	0	42
ı	10	9.32563	9.33558	50		4	10	9.32854	9.33863	50	
l	20	9.32573	9.33569	40			20	9.32863	9.33873	40	
	30	9.32583	9.33579	30			30	9.32873	9.33883	30	
		9.32592	9.33589	20	1		40		9.33893	20	
	50	9.32602	9.33599	10			50	9.32892	9.33903	10	-
14	0	9.32612	9.33609	0	46	19	0	9.32902	9.33913	0	41
1		9.32621	9.33619					9.32912	9.33923	50	
ı		9.32631	9.33630	40				9.32921	9.33934	40	1
ı		9.32641	9.33640	30			30		9.33944	30	
	40	9.32651	9.33650	20		1	40		9.33954	20	
	50	9.32660	9.33660	10			50	9.32950	9.33964	10	
45	0	9.32670	9.33670	0	45	20	0	9.32960	9.33974	0	40
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•	"	sin	tang	,,	,	,	,,	sin	tang	,,	,
20	이	9.32960	9.32974	0	40	25	O	9.33248	9.34276	Ī	35
	10	9.32970	9.33984	50		H	10		9.34286	50	
	20	9.32979	9.33994	40		li .		9.33267	9.34296	40	
	30	9.32989	9.34004	30 20		ll .	30		9.34306	30 20	
	40 50	9.32998 9.33008	9.34014	16			40 50		9.34316 9.34326	10	
١				ľ		II				1	
21	9	9.33018	9.34034	0	39	26	0	9.33305	9.34336	0	34
1	10	9.33027		50		ll	10		9.34316	50	
1	20	9.33037	9.34055	40		H	20		9.34356	40	
	30	9.33046	9.34065	30	1	H	30		9.31366	30 20	
	40 50	9.33056 9.33066	9.34075	20 10		ll	40 50	9.23343	9.34376 9.34386	10	
4	~	7.30000	7.01000	l	1 1	ll .	30	7.35330	7.07000	1	
22	0	9.33075	9.34095	0	38	27	0	9.33362	9.34396	0	33
1	10	9.33085	9.34105	50		li	10	9.83372	9.34406	50	ı i
	20	9.33094	9.34115	40		li .	20	9.33381	9.34416	40	
	30	9.33104	9.34125	30	1	1	30	9.33391	9.34426	30	
	40		9.34135	20			40		9.34436	20	
	50	9.33123	9.34145	10	1	ll l	50	9.33410	9.34446	10	! !
23	0	9.33133	9.34155	0	37	28	0	9.33420	9.34456	0	32
	10	9.33142	9.34165	50			10	9.33429	9.34466	50	1 1
	20	9.33152	9.34175	40	l		20	9.33439	9.34476	40	
	30	9.33162	9.34185	30			30		9.31486	30	
	40 50	9.33171 9.33181	9.34195	20	1	li	40 50		9.34496 9.34506	20	
	왠	9.33181	9.34205	10	1	ll l	90	9.33467	9.34000	10	1 1
24	0	9.33190	9.24215	0	36	29	0	9.33477	9.34516	0	31
	10	9.33200	9.34226	50		l	10	9.33486		50	
	20	9.33209		49	ı	l	20		9.34536	40	
	30	9.33219	9.34246	30	ı	H	30	9.33505	9.84546	30	
!	40	9.33229	9.34256 9.34266	20	!	ll	40 50	9.33515	9.34556 9.34566	20	
		9.33238		10	25	مواا				10	
25	이	9.33248	9.34276	10	35	30	10	9.33534	9.34576	10	30
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,	"	sin	tang	,,	<u> </u>	1	,,	sin	tang	,,	<u></u>
30	0	9.83534	9.34576	0	30	35	0	9.33818	9.34874	0	25
	10	9.33543	9.34585	50	i i	1	10	9.33827	9.34883	50	
1 1	20	9.83553	9.84595	40	1	H	20	9.33836	9.34893	40	1
	30	9.38562	9.34605	30	1 1	1	30	9.33846	9.34908	20	1
	40	9.38572	9.34615	20	1	li .	40	9.33855	9.84918	20	
	50		9.34625	lĩõ		il	50		9.34923	Ιīο	
	~			l		١	1			1	
31	0	9.88591	9.34635	ø	29	36	0	9.83874	9.34983	0	24
	10	9.83600	9.34645	50		1	10		9.34943	50	ı
	20	9.83610	9.34655	40		l	20	9.33893	9.34953	40	1
	30	9.33619	9.34665	30		ll .	30	9.38902	9.34963	30	
	40	9.83629	9.84675	20		ll .	40	9.33912	9.34972	20	
ı	50	9.83638	9.34685	10	ı	11	50	9.33921	9.34982	10	
32	0	9.33647	9.34695	0	28	37	0	9.33931	9.34992	0	23
•	10	9.88657	9.34705	lso		II	10	9.83940	9.35002	50	
	20	9.33666	9.84715	40		H	20	9.83949	9.35012	40	
	30	9.33676	9.34725	30		IJ	30	9.83959	9.35022	80	
	40	9.22685	9.34735	20	i	1	40	9.83968	9.35032	20	
	50	9.83695	9.34745	lĩo		1	50	9.83978	9.35042	lĩo	
	~	7.0000	3.02120	ľ"			۳	3.005.0	3.00042	1.0	
33	0	9.83704	9.24755	0	27	38	0	9.33987	9.35051	0	22
	10	9.33714	9.84764	50		1	10	9.33996	9.35061	50	
	20	9.38723	9.34774	40		ll .	20	9.84006	9.35071	40	
	30	9.83733	9.34784	30	1 1	l	30	9.84015	9.35081	30	
	40	9.83742	9.81794	20	l i	1	40	9.34025	9.35091	20	
	50	9.33752	9.34804	10		1	50	9.34034	9.35101	10	
34	0	9.88761	9.34814	0	26	39	0	9.84043	9.35111	0	21
	10	9.22770	9.34824	50			10	9.84058	9.35120	50	
	20	9.23780	9.34834	40	!	l	20	9.84062	9.35130	40	H
l i	30	9.82789	9.34844	30	1		30	9.34072	9.35140	30	
	40	9.22799	9.34854	20	ı	1	40	9.34081	9.85150	20	
	50	9.23908	9.34864	10			50	9.84090	9.35160	10	
85	0	9.33818	9.34874	0	25	40	0	9.34100	9.35170	0	20
7	,,	COS	cotg	,,	, 	,	,,	cos	cotg	,,	7

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<u>′</u>	"	sin	tang	"	1	_	"	sin	tang	,,	,
40	0	9.84100	9.35170	0	20	45	9	9.34380	9.35464	0	15
1 1	10	9.34109	9.85180	50]	1	10	9.34389	9.85474	50	ı
	20		9.85189	10		1	20		9.35484	40	
	30	9.34128	9.35199	30		1	30		9.35493	30	
	40	9.34137	9.35209	20	1 1	1	40		9.35503	20	
	50	9.34146	9.35219	10			50	9.34426	9.85513	10	ł
41	0	9.34156	9.35229	0	19	46	0	9.34436	9.85523	0	14
	10		9.35239	50			10	9.34445		50	
	20		9.35248	10	1 1	1	20	9.84454	9.35542	40	
1 1	30		9.35258	30	1 1	1	30	3.02200	9.85552	30	
1 1	40		9.85268	20	1 1		40 50	0.0.2.0	9.35562	20	
	50	9.34203	9.35278	10	l i		-	9.34482	9.85571	10	1
42	0	9.84212	9.35288	0	18	47	0	9.34491	9.35581	0	13
1 1	10	9.84221	9.35297	150	1 1		10	9.34501	9.85591	50	ł
i	20	9.34231	9.35307	40	l	1	20	9.34510	9.35601	40	
	30	9.34240	9.85317	30		1	30	9.34519	9.35611	30	
	40		9.85327	20			40		9.35620	20	l
	50	9.34259	9.35337	10			50	9.34538	9.35630	10	i
43	0	9.84268	9.85347	0	17	48	0	9.34547	9.35640	0	12
	10		9.35356	50		1		9.34556	9.35650	50	
1 1	20		9.35366	40	1 1	1	20		9.85659	40	
	30	9.34296	9.35376	30	1	1	30	9.84575	9.35669	30	
	40		9.35386	20	1	1	40		9.85679	20	
1	50	9.84315	9.35396	10	i		50	9.34593	9.85688	10	1
44	0	9.84324	9.35405	0	16	49	0	9.34602	9.35698	0	11
	10		9.35415	50		1	10		9.85708	50	l
	20	9.34342	9.85425	40	1	1	20	9.34621	9.35718	40	
	30		9.35435	30	ı	I	30	9.34630		30	
	40	9.34361	9.35444	20	1	ı	40	9.34639	9.35737	20	
1.1	50	9.84370	9.85454	10	ا ـ ـ ا	۱.,	50	9.34649	9.85747	10	l
45	0	9.84380	9.35464	0	15	50	0	9.84658	9.35757	0	10
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50	9	9.84658	9.85757	0	10	55	9	9.84934	9.36047	0	5
	10	9.81667	9.35766	50	1 1	1	10	9.84948	9.86057	50	
	20	9.84676	9.85776	40	ll	i	20	9.84958	9.36067	40	1
1	30	9.31686	9.85786	30	lΙ	1	30	9.34962	9.36076	30	
	40	9.34695	9.25795	20	li		40		9.36086	20	
	50	9.34704	9.85805	10			50	9.34980	9.86096	10	
51	9	9.84713	9.85815	0	9	56	0	9.34989	9.86105	0	4
	10	9.81723	9.35825	50		1	10		9.36115	50	
	20	9.81732	9.85834	40		1	20	9.35008	9.36125	40	
1	30		9.85844	30	1 1		30	9.85017	9.86134	30	
	40		9.35854	20		1	40	9.85026	9.36144	20	1 1
	50	9.31759	9.25863	110			50	9.85085	9.36154	10	
52	0	9.84769	9.35873	0	8	57	0	9.35044	9.36163	0	3
	10	9.84778	9.85883	50		1	10	9.85053	9.36173	50	
	20	9.84787	9.35892	40			20	9.35063	9.36182	40	
	30	9.34796	9.85902	30		Į.	30	9.85072	9.36192	30	1 1
	40	9.34806	9.35912	20			40	9.35081	9.36202	20	!
	50	9.84815	9.35922	10	i	1	50	9.35090	9.36211	10	
53	0	9.34824	9.35931	0	7	58	0	9.85099	9.36221	0	2
	10	9.84833	9.85911	50			10		9.36231	50	
1	20	9.34842	9.35951	40	l i	1	20	9.85118	9.36240	40	
	30	9.84852	9.85960	30			30		9.36250	30	
	40	9.84861	9.85970	20			40	9.85136	9.36260	20	ı
	50	9.34870	9.35980	10			50	9.35145	9.36269	10	
54	0	9.84879	9.85939	0	6	59	0	9.85154	9.36279	0	1
	10	9.34888	9.35999	50	li		10	9.85163	9.36288	50	
H	20	9.34898	9.36009	40			20	9.35172	9.36298	40	ı
0	30	9.84907	9.36018	30	1	i i	30	9.85181	9.36308	30	١,١
8	40	9.84916	9.36028	20	ı	1	40	9.85191	9.36317	20	
1	50	9.31925	9.36038	10		1	50	9.35200	9.86327	10	
55	0	9.34934	9.36047	0	5	60	0	9.85209	9.86336	0	0
,	"	COS	cotg	,,	,	,	,,	COB	cotg	,,	,

න	Die ersten 120 Primzahlen und ihre natürlichen Logarithmen.								
N.	Log.nat.	N.	Log.nat.	N.	Log.nat.	N.	Log.nat		
2	0.69815	127	4.84419	288	5.64545	467	6.14683		
3	1.09861	181	4.87520	293	5.68017	479	6.17170		
5	1.60944	187	4.91998	807	5.72685	487	6.18826		
7	1.94591	189	4.98447	311	5.73979	491	6.19644		
11	2.39790	149	5.00395	318	5.74620	499	6.21261		
13	2.56495	151	5.01728	317	5.76890	503	6.22059		
17	2.83321	157	5.05625	331	5.80212	509	6.23245		
19	2.94444	168	5.09375	337	5.82008	521	6.25575		
23	3.13549	167	5.11799	347	5.84932	523	6.25958		
29	3.36730	172	5.15329	349	5.85507	541	6.29342		
31	3.48399	179		353	5.86647	547	6.30445		
87	8.61092	181	5.19850	359	5.88332	557	6.32257		
41	3,71357	191	5.25227	367	5.90536	563	6,38328		
43	8.76120	198	5.26269	373	5.92158	569	6.84388		
47	8.85015	197	5.28320	379	5.93754	571	6.84789		
58	3.97029	199	5.29830	383	5.94802	577	6.85784		
59	4.07754	211	5.35186	389	5.96858	587	6.87502		
61	4.11087	223	5.40717	897	5.98394	598	6.38519		
67	4.20469	227	5.42495	401	5.99296	599	6.39526		
71	4.26268	229	5.43372	409	6.01372	601	6.39859		
73	4.29046	233	5.45104	419	6.08787	607	6.40858		
79	4.36945	239	5.47646	421	6.04263	612	6.41836		
83	4.41884	241	5.48480	431	6.06611	617	6.42487		
89	4.48864	251	5.52545	438	6.07074	619	6.42811		
97	4.57471	257	5.54906	439	6.08450	631	6.44781		
101	4.61512	263	5.57215	443	6.09357	641	6.46808		
103	4.63478	269	5.59471	449	6.10702	643	6.46614		
107	4.67283	271	5.60212	457	6.12468	647	6.47285		
109	4.69185	277	5.62402	461	6.13340	653	6.48158		
118	4.72739	281	5.63835	463	6.13773	659	6.49072		

Logarithmen

ber Sinus, Tangenten, Cotangenten und Cofinus

von Minute gu Minute

fűr

alle Grabe bes Quabranten.

		m	-	Cat o I	Cos. 0	1
/ Sin. 0	Dif.	Tang. 0		Cot. 9	001.0	Ė
Olnf, nég.	Dit.	Inf. nég.	Dif. c.	Inf. pos.	0.00000	60
1 6.46373		6.46373		3.53627	0.00000	59
2 6.76476		6.76476	30103	3.23524	0.00000	58
3 6.94085	17609	6.94085	17609	3.05915	0.00000	57
4 7.06579	12494	7.06579	12494	2.93421	0.00000	56
5 7.16270	9691	7.16270	9691	2.83730	0.00000	55
_	7918	7.24188	7918	2.75812	0.00000	54
6 7.24188	6694	7.30882	6694	2.69118	010000	53
7 7.30882 8 7.36682	5800	7.36682	5800	2.63318	0.00000	-
_	5115		5115	2.58203	0.00000	51
9 7.41797	4576	7.41797	4576	2.53627	0,00000	50
10 7.46373	4139	7.50512	4139	2.49488	0.00000	49
11 7.50512	3779		3779			48
12 7.54291	3476	7.54291	3476	2.45709		47
13 7.57767	2918	7.57767	3219	2.42233	0.00000	1
14 7.60985	2997	7.60986	2996	2.39014		-
15 7.63982	2802	7.63982	2803	2.36018	0.00000	4:
16 7.66784	2633	7.66785	9699	2,00210	0.00000	44
17 7.69417	10000	7.69418	2482	2.00000	9.99999	-
18 7.71900	2483	7 71900	15 F 75 S	2.28100	9.99999	
19 7.74248	2348	7.74248		2,20102	9.99999	
20 7.76475	2227	7.76476		T.TOOPA	9.99999	4(
21 7.78594	2119	7.78595	2119	12,21405	9.99999	3
22 7.80615	2021	7.80615	2020	4.13000	9.99999	38
23 7.82545	1930	7.82546		4.11433	9.99999	3
24 7.84393	1 1848	7.84394	1848	12.15600	9.99999	3
25 7.86166		7.86167	1773	2.13833	9.99999	3.
26 7.87870		7.87871	1704	2.12129	9.99999	3
	1630	7.89510	1639	2.10490	9.99999	3
27 7.89509		7.91089	1 1576		9,99999	
28 7.91088 29 7.92612		7.92613	1 1 5 9 4	2.07387		
30 7.94084		7.94086		2.05914		1.3
		Cot. 89			Sin. 89	-
Cos. 89		II cor. 69	1	I wange on	Il man on	

	_	_		_			
1	Sin. 0	Dif.	Tang. 0	Dif. c	Cot. 0	Cos O	
30	7.94084	100	7.94086	1000	2.05914	9.99998	30
31	7.95508	1424	7.95510	1424	2.04490	9.99998	29
32	7.96887		7.96889	1379	2.03111	9.99998	28
33	7.98223	1336	7.98225	1336	2.01775	9.99998	27
34	7.99520	1297	7.99522	1297	2.00478	9.99998	26
35	8.00779	1259	8.00781	1259	1.99219	9.99998	25
36	8.02002	1223	8.02004	1223	1.97996	9.99998	24
37	8.03192	1190	8.03194	1190	1 96806	9.99997	23
38	8.04350	1158	8.04353	1159	11.95647	9.99997	22
39	8.05478	1128	8.05481	1128	1 94519	9.99997	21
40	8.06578	1160	8.06581	1100	1.93419	9 99997	20
41	8.07650	1072	8.07653	1072	1.92347	9.99997	19
42	8.08696	1046	8.08700	1047	1.91300	9.99997	18
43	8.09718	1022	8.09722	1022	1.90278	9.99997	17
44	8.10717	999	8.10720	998	1.89280	9.99996	16
45	8.11693	976	8.11696	976	1.88304	5.99996	15
46	8.12647	954	8.12651	955	1.87349	9.99996	14
47	8.13581	934	8.13585	934	1.86415	9.99996	13
48	8.14495	914	8.14500	915	1:85500	9.99996	12
49	8.15391	896	8.15395	895	1.84605	9.99996	11
50	8.16268	877	8.16273	878	1.83727	9.99995	10
51	8.17128	860	8.17133	860	1.82867	9.99995	9
52	8.17971	843	8.17976	843	1.82024	9.99995	8
53	8.18798	827	8.18804	828	1.81196	9.99995	7
54	8.19610	812	8.19616	812	1.80384	9.99995	6
12.	8.20407	797	8.20413	797	1.79587	9.99994	5
	8.21189	782	8.21195	782	1.78805	9.99994	4
57	8.21958	769	8.21964	769	1.78036	9,99994	3
	8.22713	755	8.22720	756	1.77280	9.99994	2
	8.23456	743	8.23462	742	1.76538	9.99994	1
60	8.24186	730	8.24192	730	1.75808	9.99993	0
	Cos. 89		Cot. 89		Tang. 89	Sin. 89	-

/ Sin. 1 Dic	Tang. 1 n	Cot. 1	Ges. 1 /
0 9 94196	9.94199	1.75808	9.99998 60
1 8.24903 700		1 75000	9.99993 59
2 8.25609 695	118.256161	11.74384	9.99993 58
3 8.26304	0 96419	1.73688	9.99993 57
4 8.20988 679	8.26996 678	1.73004	9.99992 56
5 8.27661 663	N8.276691	11.72231	9.99992 55
68.28324	8.28332	1.71668	9.99992 54
7 8.28977 644	8.28986	1.71014	9.99992 58
8 8.29021 634	18.296291	1.70871	9.99992 52
9 8.30255	8.30263	1.69787	9.99991 51
10 8.30879 616	0.000000	1.09112	9.99991 50
H 608	8.81303 607	1.68495	
12 8.32103 599	8.32112	1.67888	9.99990 48
13 8.32702 590 14 8.33292 590		1.66698	9.9999047
N K & 2	KQ4		
15 8.33875 16 8.34450 575	8.88886 575	1.66114	9.99990 45
17 8.25018 568	8.35029 568	1.64971	9.99989 48
18 8.35578 560	8.85590 561	1.64410	9.99989 42
19 8.36131 558	8.36143 553		9.99989 41
20 8.36678 547	8.36689 546	1.63311	9.99988 46
21 8.37217 589	8,37229 540	1.62771	9.9998839
22 8.87750 588	8.37762 583		9.99988 38
28 8.88276 526	10.00203	1.61711	9.99987 37
24 8.38796 520	8.38809 520	1.61191	9.99987 36
25 8.89310 514	8.89328 514	1.60677	9.99987 35
26 8.39818 508	10.00001	1.60168	9.99986 84
27 8.40320 502	10.50005	1.59666	9.99986 33
28 8.40816 496	10.200001	11.001.00	9.99986 32
29 8.4 1 307 49 1	8.41321 491	1.58679	9.99985 81
90 8.21 192	0.21001	1.58193	9.99985 30
Cos. 88	Cot. 88	Tang. 88	Sin. 88

/ Sin.		70				
/ 31u. 1	Dif.	Tang. 1	I).c.	Cot 1	Cos. 1	Ľ
30 8.4179	480	8.41807		1.58193	9.99985	80
31 8.4227	474	8.42287	480	1.57718	9.99985	29
32 8.4374		8.42762	475	1.57238	9.99984	28
32 8.4821	470	8.48232	470	1.56768	9.99984	27
24 8.4368	464	8.43696	464	1.56304	9.99984	26
25 8.4418	459	8.44156	460	1.55844	9.99983	25
36 8.4459	455	8.44611	455	1.55389	9.99983	24
27 8.4504	450	8.45061	450	1.54939	9.99983	23
38 8.4548	1445	8.45507	446	1.54493	9.99982	22
	- 441		441			21
39 8.4593 40 8.4636		8.45948	437	1.54052	9.99982	
		8.46385 8.46817	432	1.58183	9.99982	20 19
	-1427		428			
42 8.4722	- 1494	8.47245	424	1.52755	9.99981	18
43 8.4765	410	8.47669	420	1.52331	9.99981	17
44 8.4806	416	8.48089	416	1.51911	9.99980	16
45 8.4848	8 477	8.48505		1.51495	9.99980	15
46 3.4889	400	8.48917	412	1.51083	9.99979	14
47 8.4930	404	8.49325	408	1.50675	9.99979	13
48 8.4970	Ri	8.49729	404	1.50271	9.99979	12
49 8.5010	400	8.50130	401	1.49870	9.99978	11
59 8.5050	396	8.50527	397	1.49478	9.99978	10
51 8.5089	393	8.50920	393	1.49080	9.99977	9
52 8.5128	7 390	8.51310	390	1.48690	9.99977	8
53 8.5167	386	8.51696	386	1.48804	9.99977	7
54 8.5205	882	8.52079	383	1.47921	9.99976	-
55 8.5243	- 197A	8.52459	380	1.47541	9.99976	5
56 8.5281	- 074	8.52835	376	1.47165	9.99975	4
57 8.5318	272	8.58208	373	1.46792	9.99975	3
58 8.5855	TIXEO	8.53578	370	1.46422	9.99913	2
59 8.5391		8.53945	367	1.46055	9.99914	1
60 8.5428	LABA	8.54308	363	1.45692	9.99974	
Cos. 88		Cut. 88		Tang. 88	Sin. 88	ا 🏲
1 1/03. 88	1	1 COL 88	i	Trang. 68	, 63n. KB	

Sin. 2 Dif.	Tang. 2	Cot. 2	Cos. 2	1
0.0 54000	8.54308 ac.	1.45692	9.99974	60
1 8 54649 860	B KARRO 301	1 48991	10.000.0	59
28.54999 357	8.55027 358	11.44978	9.99978	58
3 8.55354 355	8.55382	1 44619	9.99972	57
4 8 55705 351	8 55784 85Z	1 44266	9.99972	1
5 8.56054 349	8.56083	11.43917	9.99971	55
68,56400 346	8.56429 346	11.43571	9.99971	54
7 8.56742 343	8.56773 344	1 43227	9.99970	58
8 8.57084 341	8.57114 341	11.42886	9.99970	52
9 8.57421 337	8.57452 338	11.42548	9.99969	51
10 8.57757 336	8.57788 336		9.99969	50
118.58089 332	8.58121 333	11.41819	9.99968	49
12 8.58419 230	8.58451 330	11.415491	9.99968	48
128.58747 328	8.58779 328		9.99967	47
14 8.59072 325	8.59105 326	11.40030	9.99967	46
15 8.59295 823	8.59428 323	11.405721	9.99967	45
16 8.59715 320	8.59749 321	11.40231	9.99966	44
17 8.60033 318	8.60068 319	1.39932	9.99966	43
18 8.60349 816	8.60384 316	1.39616	9.99965	42
19 8,60662 313	8.60698 314	1.39302	9.99964	41
20 8.60973 311	8.61009 311	T-90821	9.99964	40
21 8.61282 309	8.61319 310	11.350811	9.99963	39
22 8.61589 307	8.61626 307	11.00011	9.99963	38
23 8.61894 305	8.61931 305	11.00000	9.99962	37
24 8.62196 302	8.62234 303	11.21100	9.99962	36
25 8.62497 301	8.62535 301	I T'O LEAD!	9.99961	35
26 8.62795 298	8.62834 299	11.0.100	9.99961	34
27 8.63091 296	8.63131 297	1.90003	9.99960	33
28 8.63385 294	8.63426 295	2.000.2	9.99960	H
29 8.63678 293	8.63718 292	1.00202	9.99959	
30 8.63968 290	8.64009 291	1.35991	9 99959	30
Eos. 87	Cot. 87	Tang. 87	Siu. 87	

/ 1 Sin. 2 L	Tang. 2 _	Cot. 2	Cos. 2	7
Dif.	D.c.	COL. 2	Cos. 2	
30 8.63968 288	8.64009 289	1.35991	9.99959	30
31 8.64256 287	8.64298 287	1.85702	9.99958	29
32 8.64543 284	18.645851	1.35415	9.99958	28
1 a a l a & A & B a 7 l	8.64870 285	1.35130	9.99957	27
34 8.65110 283	8.65154 284	1.34846	9.99956	26
35 8.65391 281	8.65435 281	1.34565	9.99956	25
36 8.65670 279	8.65715 280	1.34285	9.99955	24
27 8 65947 277	8 65993 278	1.34007	9.99955	23
38 8.66223 276	8.66269 276	1.33781	9.99954	22
39 8.66497 274	8.66543 274	1.33457	9.99954	21
40 8 66769 272	8.66816 273	1.33184	9.99953	20
44 8.67039 270	8.67087 271	1.32913	9.99952	19
42 8.67308 269	260			
43 8.67575 267	8.67356 268 8.67624 268	1.32644	9.99952	18
44 8.67841 266	8.67890 266	1.32376	9.99951 9.99951	17
262	264			16
45 8.68104 263	8.08154	1.31846	9.99950	15
20 0.00001	0.0041.	1.31583	9.99949	14
21 0.00021	0.00010	1.31322	9.99949	13
45 8.08880	8.68938 260	1.31062	9.99948	12
ER O'ALES	8.69196 258	1.30804	9.99948	11
I AA GOARAA	8.69453 257	1.80547	9.99947	10
51 8.69654 254	8.69708 255	1.30292	9.99946	_9
52 8.69907 258	8.69962 254	1.30038	9.99946	8
53 8.70159 252	8.70214 252	1.29786	9.99945	7
54 8.70409 250	8.70465 251	1.29535	9.99944	6
55 8.70658 249	8.70714 249	1.29286	9.99944	5
56 8.70905 247	8.70962 248	1.29038	9.99943	4
57 8.71151 246	8.71208 246	1.28792	9.99942	3
58 8.71395 244		1.28547	9.99942	2
59 8.71638 243		1.28303	9.99941	ĩ
60 8.71880 242		1.28060	9.99940	i
Cus. 87	1	Tang. 87		-
	H - 24. G.		0/ (

•	Sin. 3		Tang. 3		Cot. 3	Cos. 3	
Ľ	31H. 3	Dif.	Taug. o	D.c.		008. 3	4
0	8.71880	240	8.71940	241	1.28060	9.99940	60
1	8.72120	239	8.72181	289	1.27819	9.99940	59
2	8.72359		8.72420		1.27580	9.99939	58
3	8.72597	238	8.72659	239	1.27341	9.99938	57
1 4	8.72834	237	8.72896	237	1.27104	9.99938	
5		235	8.73132	236	1.26868	9.99937	55
6	8.73303	284	8.73366	234	1.26634	9.99936	54
7	8.73525	232	8.73600	234	1.26400	9.99936	52
	8.73767	282	8.73832	232	1.26168		52
_		230		231			
9	8.73997	229	8.74063	229	1.25937	9.99934	
10	8.74226	228	8.74292 8.74521	229	1.25708		50
111	8.74454	226		227		9.99933	49
	8.74680	226	8.74748	226	1.25252	9.99932	48
	8.74906	224	8.74974	225	1.25026	9.99932	47
14	8.75130	223	8.75199	224	1.24801	9.99931	46
15	9.75358		8.75423		1.24577	9.99930	45
16	8.75575	222 220	8.75645	222 222	1.24855	9.99929	44
17	8.75795		8.75867		1.24188	9.99929	43
18	8.76015	220	8.76087	220	1.23918	9.99928	42
19	8.76234	219	8.76306	219	1.23694	9.99927	41
20	8.76451	217	8.76525	219	1.23475	9.99926	40
21	8.76667	216	8.76742	217	1.23258	9.99926	39
22		216	8.76958	216	1.23042	9.99925	38
23	100000	214	8.77173	215	1.22827	9.99924	37
24		213	8.77387	214	1.22613	9.99923	36
25		212	8.77600	213	1.22400	9.99923	30 35
	8.77733	211	8.77811	211	1.22189	9.99923	
		210		211			
27	8.77943	209	8.78022	210	1.21978	9.99921	33
28	8.78152	208	8.78232	209	1.21768	9.99920	32
	8.78360	208	8.78441	208	1.21559	9.99920	31
20	8.78568	-"	8.78649	-,0	1.21351	9.99919	30
	Cos. 86		Cot. 86	<u> </u>	Tang. 86	Sin. 86	

-	سجسد						
<u></u>	Sin. 3	Dif.	Tang. 3	D.c.	Cot. 3	Cos. 3	14
80	8.78568	ı i	8.78649	206	1.21851	9.99919	30
31	8.78774	206	8.78855	206	11 91146	9.99918	29
82	8.78979		8.79061	205	1.20939	9.99917	28
33	8.79183	204	8.79266		1.20734	9.99917	27
34	8.79386	203	8.79470	204 208	1.20530	9.99916	26
85	8.79588		8.79673		1.20327	9.99915	25
36	8.79789	201	8.79875	202	1.20125	9.99914	24
37	8.79990	201	8.80076	201	1.19924	9.99918	23
88	8.80189	199	8.80277	201	1.19723	9.99913	22
29	8.80388	199	8.80476	199	1.19524	9.99912	21
40		197	8.80674	198	1 10396	9.99911	20
41	8.80782		8.80872	198	1.19128	9.99910	19
42	8.80978	196	8.81068	196	1.18932	9.99909	18
43		195	8.81264	196	1.18736	9.99909	17
44	8.81367	194	8.81459	195	1.18541	9.99908	16
45	8.81560	193	8.81658	194	1.18347	9.99907	15
46	8.81752	192	8.81846	193	1.18154	9.99906	14
47	8.81944	192	8.82038	192	1.17962	9.99905	18
48	8.82184	190	8.82230	192	1.17770	9.99904	13
49	8.82324	190	8.82420	190	1.17580	9.99904	ii
50	8.82513	189	8.82610	190	1.17890	9.99908	10
51	8.82701	188	8.82799	189	1.17201	9.99902	-
52	8.82888	187	8.82987	188	1.17013	9.99901	
53	8.83075	187	8.83175	188	1.16825	9.99900	7
54	8.83261	186	8.83361	186	1.16639	9.99899	-
55	8.83446	185	8.83547	186	1.16453	9.99898	5
56	8.83680	184	8,83732	185	1.16268	9.99898	4
57	8.83813	183	8.83916	184	1.16084	9.99897	3
58	8.83996	183	8.84100	184	1.15900	9.99896	2
59	8.84177	181	8.84282	182	1.15718	9.99895	ī
60	8.84358	181	8.84464	182	1.15536	9.99894	0
	Cos. 86	l i	Cot. 86		Tang. 86	Sin. 86	-1

1	8in. 4		Tang. 4	- I	Cot. 4	Cos 4	,
1	8.84358	Dif.	8.84464	D.c.	1.15536	9.99894	60
l i		181	8.84646	182	1.15854	9.99893	59
2		179	8.84826	180	1.15174	9.99892	58
3	8.84897	179	8.85006	180	1.14994	9.99891	57
1 4		178	8.85185	179	1.14815	9.99891	56
5	8.85252	177	8.85363	178	1.14637	9.99890	55
6	8.85429	177	8.85540	177	1.14460	9.99889	54
1 7	8.85605	176	8.85717	177	1.14283	9.99888	53
8	8.85780	175	8.85893	176	1.14107	9.99887	52
9	8.85955	175	8.86069	176	1.13931	9.99886	51
10		173	8.86243	174	1.13757	9.99885	
111	8.86301	173	8.86417	174	1.13583	9.99884	49
12	8.86474	173	8.86591	174	1.13409	9.99883	48
13	8.86645	171	8.86763	172	1.13237	9.99882	47
14	8.86816	171	8.86935	172	1.13065	9.99881	46
15	8.86987	171	8.87106	171	1.12894	9.99880	45
16	8.87156	169	8.87277	171	1.12723	9.99879	44
17	8.87325	169	8.87447	170	1.12553	9.99879	43
18	8.87494	169	8.87616	169	1.12384	9.99878	42
19	8.87661	167	8.87785	169	1.12215	9.99877	41
20	8.87829	168	8.87953	168	1.12047	9.99876	40
21	8.87995	166	8.88120	167	1.11880	9.99875	39
22	8.88161	166	8.88287	167	1.11718	9.99874	38
23	8.88326	165	8.88453	166	1.11547	9.99873	37
24	8.88490	164	8.88618	165	1.11382	9.99872	36
25	8.88654	164	8.88783	165	1.11217	9.99871	35
26	8.88817	168	8.88948	165	1.11052	9.99870	34
27	8.88980	163	8.89111	163	1.10889	9.99869	33
	8.89142	162	8.89274	163	1.10726	9.99868	32
	8.89304	160	8.89437	163 161	1.10563	9.99867	31
30	8.89464	1.00	8.89598	101	1.10402	9.99866	30
IL.	Cos. 85		Cot, 85		Tang. 85	Sin. 85	

		مزدد		
/ Sin. 4 Dif.	Tang. 4	D.c. C.	. 4 Cos. 4	\sqcup
30 8.89464 161	0 00500	162 1.10		
31 8.89625 159	IIO GAZRAI	60 1.10	240 9.9986	29
1 29 2 2 2 7 24	118.844901		080 9.99864	28
33 8.89943	lle aggent	160 1.09	920 9.99863	27
94 9 90102 139	0 00040	160 1.09		
35 8.90260	1005A0.R	- 11 60	601 9.9986	25
36 8.90417	HO OOKET!	158 1.09	443 9.99860	24
27 9 00574 131	10 00715	198 1 00		
38 8 90730 150	118.908721	154 1.69		
20 8 00885 155	In a same	157 1.08	971 9.99857	21
40 8 91040 133	0 41195	190 1 10		
418.91195 155	118-913401	100 1.08		19
40 8 01940 154	1 C 0140KI	155 1.08	505 9.99854	18
42 8 01502 158	9 91650	1991, 00		4
44 8.91655 153	8.01803	1.08		
152	9 01057	154		
46 9 31959 152	0 02110	158 1 07		
47 8.92110 151	8.92262	52 1.07		
48 8 92261 151	8.92414	152		
40 8 49411 150	8.92565	151 1.07		
50 8.92561 150	8.92716	151 1.07		
51 8.92710 149	8.92866	150 1.07		-
528.92854 149	8.98016	150 1.06		
53 8.93007 148	8.93165	149 1.06		
54 8.93154	8.93313	148 1.06		- I II
KK 8 93301 147	8.93462	149 1.06		
56 8.93448	8.93609	147 1.06		
57 8.93594 146		1.06		
58 8.93740 146	8.93903	147 1.06		
50 4 03985 145	8.94049	146 1.05		1 1
60 8.94030 145	8.94195	146 1.05		
Cos. 85	Cot. 85	Tan		-
. 552, 60	₁₁ == ()0 1	, , , , , , ,	, 30 g 31/1/ (IO	

			*				
1	Sin. 5	Dif.	Tang. 5	D.c.	Cot 5	Cos. 5	1
0	8.94030		8.94195	145	1.05805	9.99834	60
1	8.94174	144	8.94340		1.05660	9.99833	59
2	8.94317	143	8.94485	145	1.05515	9.99832	58
3	8.94461	144	8.94630	145	1.05370	9.99831	57
4	8.94603	142	8.94773	143	1.05227	9.99830	56
5	8.94746	143	8.94917	144	1.05083	9.99829	55
6	8.94887	141	8.95060	143	1.04940	9.99828	54
7	8.95029	142	8.95202	142	1.04798	9.99827	53
8	8.95170	141	8.95344	142	1.04656	9.99825	52
9	8.95310	140	8.95486	142	1.04514	9.99824	51
-	8.95450	140	8.95627	141	1.04373	9.99828	50
	8.95589	139	8.95767	140	1.04233	9.99822	49
12	8.95728	139	8.95908	141	1.04092	9.99821	48
n	8.95867	189	8.96047	139	1.03953	9.99820	47
14	8.96005	138	8.96187	140	1.08813	9.99819	46
15	8.96143	138	8.96325	138	1.03675	9.99817	45
16	8.96280	137	8.96464	139	1.03536	9.99816	44
17	8.96417	137	8.96602	138	1.03398	9.99815	43
10	8.96553	136	8.96739	137	1.03261	9.99814	49
	8.96689	136	8.96877	138	1.03123	9.99813	
	8.96825	186	8.97013	136	1.02987	9.99812	
21	8.96960	135	8.97150	137	1.02850	9.99810	39
22		185	8.97285	135	1.02715	9.99809	38
	8.97229	134	8.97421	136	1.02579	9.99808	
	8.97363	134	8.97556	135	1.02444	9.99807	86
	8.97496	133	8.97691	135	1.02309	9.99806	,
	8.97629	133	8.97825	134	1.02175	9.99804	84
27	8.97762	133	8.97959	134	1.02041	9.99803	33
	8.97894	132	8.98092	133	1.01908	9.99802	32
	8.98026	132	8.98225	133	1.01775	9.99801	31
	8.98157	131	8.98358	133	1.01642	9.99800	
	Cos. 84		Cot. 84	1	Tang. 8-	Sin. 84	
·							

4 Sin. 5 Tang. 5 Cet. 5 Con	6 1 4
Dif. D.c	
30 8.98157 ₁₃₁ 8.98358 ₁₃₂ 1.01642 9.99	
31 8.98288 131 8.98490 182 1.01510 9.99	1 1
32 8.98419 130 8.98622 131 1.01378 9.99	797 28
33 8.98549 ₁₃₀ 8.98753 ₁₃₁ 1.01247 9.99	
34 8.98679 ₁₂₉ 8.98884 ₁₂₁ 1.01116 9.99	
35 8.98808 129 8.99015 130 1.00985 9.99	793 25
36 8.98987 29 8.99145 30 1.00855 9.99	792 24
37 8.99066 _{1.28} 8.99275 _{1.30} 1.00725 9.99	
38 8.99194 128 8.99405 129 1.00595 9.99	790 22
39 8.99322 128 8.99534 128 1.00466 9.99	788 21
40 8.99450 ₁₉₇ 8.99662 ₁₉₀ 1.00338 9.99	
41 8.99577 127 8.99791 128 1.00209 9.99	786 19
A m @ G G G G A T T G G G G G G G G G G G G G G G	785 18
43 8.99830 126 9.00046 128 0.99954 9.99	
14418.999561 19.00174 10.99826 19.99	782 16
45 9.00082 126 9.00801 127 0.99699 9.99	781 15
46 9.00207 125 9.00427 126 0.99573 9.99	780 14
47 	778 18
48 9.00456 124 9.00679 126 0.99321 9.99	777 12
49 9.00581 125 9.00805 126 0.99195 9.99	776 11
50 9.00704 128 9.00930 125 0.99070 9.99	775 10
51 9.00828 124 9.01055 125 0.98945 9.99	773 9
52 9.00951 128 9.01179 124 0.98821 9.99	
58 9.01074 128 9.01303 124 0.98697 9.99	771 7
54 9.01 196 122 9.01427 124 0.98573 9.99	769 6
55 9 01318 122 9 01550 123 0 98450 9.99	768 5
56 9.01440 122 9.01673 128 0.98327 9.99	767 4
57 9.01561 121 9.01796 123 0.98204 9.99	765 3
58 9 01682 121 9 01918 122 0 98082 9.99	764 2
59 9-01803 ¹²¹ 9-02040 ¹²² 0-97960 9-99	763 1
60 9.01923 120 9.02162 122 0.97838 9.99	761 0
Cos. 84 Cot. 84 Tang. 84 Sin.	NA I

	Sin. 6		Tang. 6	700	Cot 6	Cos. 6	
<u> </u>		Dif		D.c.	0.07000	9.99761	60
ľ	9.01928 9.02043	120	9.02162 9.02283	121	0.97838	9.99760	59
1 2	9.02163	120	9.02404	121	0.97596	9.99759	58
3		120	9.02525	121	0.97475	9.99757	57
1 3	9.02402	119	9.02525	120	0.97355	9.99756	56
5	9.02520	118	9.02766	121	0.97234	9.99755	55
6		119	9.02885	119	0.97115	9.99753	54
7	9.02757	118	9.03005	120	0.96995	9.99752	53
8		117	9.03124	119	0.96876	9.99751	52
9	9.02992	118	9.03242	118	0.96758	9.99749	51
_	9.03109	117	9.03361	119	0.96639	9.99748	50
11	9.03226	117	9.03479	118	0.96521	9.99747	49
12	9.03342	116	9.03597	118	0.96403	9.99745	48
	9.03458	116	9.03714	117	0.96286	9.99744	47
14	9.03574	116	9.03832	118	0.96168	9.99742	46
15	9.03690	116	9.03948	116	0.96052	9.99741	45
16	9.03805	115	9.04065	117	0.95985	9.99740	44
17	9.03920		9.04181		0.95819	9.99788	43
18	9.04034	114	9.04297	116	0.95703	9.99787	42
19	9.04149	115	9.04413	116	0.95587	9.99786	41
20	9.04262		9.04528		0.95472	9.99784	40
21	9.04376	114	9.04643	115	0.95857	9.99788	39
22	9.04490	114	9.04758	115	0.95242	9.99731	38
23	9.04603	112	9.04873	114	0.95127	9.99730	37
24	9.04715		9.04987		0.95013	9.99728	36
	9.04828	113	9.05101	114	0.94899	9.99727	35
26	9.04940	112	9.05214	114	0.94786	9.99726	34
27	9.05052	112	9.05328		0.94672	9.99724	33
	9.05164	117	9.05441	119	0.94559	9.99723	82
	9.05275		9.05553	113	0.94447	9.99721	31
30	9.05386		9.05666	111	0.94334	9.99720	30
	Cos. 88		Cot. 63	<u> </u>	Ting. bil	Sin. 83	(

/ Sin. 6	Tang. 6	I Cot. 6	Cos. 6 1 /
Dif	D.0	0.04004	9.99720 30
30 9.05386	" B A A Z 7 7 0 "	10 04000	9.99718 29
32 9.05607	0 05800	0 04110	9.99717 28
H— 110)] [0.98998	9.99716 27
33 9.05717 110	9.06002	0.93887	9.99714 26
35 9.05937 110	9.06224	0.93776	9.99713 25
109	11		
36 9.06046 109 37 9.06155	9.06335	0.98665 0.98555	9.99711 24 9.99710 23
38 9.06264	9.06556	0.93444	9.99708 22
H)	9.99707 21
39 9.06372 109 40 9.06481 109	9.06666	0.93334	9.99707 21
41 9.06589	9.06885	0.98115	9.99704 19
II—I——————————————————————————————————	110		
42 9.06696 108	9.06994	0.93006	9.99702 18 9.99701 17
44 9.06911	9.07211 10	0.92789	9.99699 16
B	10	-	
45 9.07018 106	9.07820 10	0.92680	9.99698 15 9.99696 14
46 9.07124 107 47 9.07231	9.07586 10	0.92512	9.99695 18
100	ill———————————————————————————————————		
48 9.07837 104	9.07648 10	0.92357	9.99593 12
49 9.07442 106 50 9.07548	9.07751 10	0.92249	9.99692 11
108	10	8	
51 9.07653 105 52 9.07758	9.07964 10	0.92036	9.99689 9
52 9.07758 105	9.08071	0.91929	9.99686 7
1	110	5	
54 9.07968 104	9.08288	0.91717	9.99684 6 9.99683 5
55 9.08072 104 56 9.08176	9.08389 10	0.91611	9.99681 4
104	LII 10	5	H
57 9.08280 10	9.08600 10	0.91400	9.99680 3
58 9.08383 10: 59 9.08486	9.08705 10	0.91295	9.99678 2
60 9.08589 10	9.08810 10	0.91086	9.99675 0
Cos. 83	Cot. 83	Tang. 83	
1 008. 83 1	OUL 83	I reng. 00	f our. 92

/ Sin. 7	Tang. 7	_ Cot. 7	Cos. 7 1/
0 9.08589	Dif. 9.08914	D.c. 0.91086	9.99675 60
1 9.08592	103 9.09019	103 00001	9.99674 59
2 9.08795	103 9.09123	0 90877	9.99672 58
8 9.08897	102 9.09227	104 0 90772	9.99670 57
4 9.08999	102 9.09330	103 0 00670	9.99669 56
5 9.09101	102 9.09434	11041	9.99667 55
6 9.09202	101 9.09537	103	9.99666 54
7 9.09304	102 9.09640	108 0 00960	9.99664 52
8 9.09405	101 9.09742	0.90258	9.99663 52
9 9.09506	101 9.09845	103	9.99661 51
10 9.09606	100 9.09947	102 0 00089	9.99659 50
11 9.09707	101 9.10049	0.89951	9.99658 49
12 9.09807	190 9.10150	101 0 90950	9,99656 48
13 9.09907	100 9.10252	102 0 90749	9.99655 47
14 9.10006	99 9.10353	0.89647	9.99653 46
15 9.10106	100 9.10454	101 0 00546	9.99651 45
16 9.10205	99 9.10555	101 0 90448	9.99650 44
179.10304	99 9.10656		9.99648 43
18 9.10402	98 9.10756	1100	9.99647 42
19 9.10501	99 9.10856	100 0 80144	9.99645 41
20 9.10599	98 9.10956	0.89044	9.99648 40
21 9,10697	98 9.11056	100	9.99642 39
22 9. 10795	98 9.11155	99 0 88845	9.99640 38
23 9.10893	98 9.11254	99 0.88746	9.99638 37
24 9.10990	97 9.11358	0.88647	9.99627 36
25 9.11087	97 9.11457	99 0 98549	9.99685 35
26 9.11184	97 9.11551	99 0.88449	9.99633 34
27 9.11281	97 9.11649	98 0.88351	9.99632 33
28 9.11377	96 9.11747	98 0 88252	9.99630 32
29 9.11474	97 9.11845	98 0 98155	9.99629 31
30 9.11570	96 9.11941	98 0.88057	9.99627 30
Cos. 82	Cot. 82	Tang. 82	Sin. 82

/ Sin. 7 D.	Tang. 7	Cot. 7	Cos. 7 /
20 9 11570	9.11943	0.88057	9.99627 30
31 9.11666 95	ID 190401	* IA 9798A	9.99625 29
X2 9.11761)**	4 47 1 X K I	0.87862	9.99624 28
83 9.1 1857 96	D IBOOK!	"IN GTTEK	9.99622 27
34 9.11952 95		0.87668	9.99620 26
85 9.12047	9.124281	10.87572	9.99618 25
36 9.12142 95	IN ISEBEL	0.87475	9.99617 24
97 0 19926 94		0 07770	9.99615 23
88 9.12331 95	9.127171	0.87283	9.99613 22
39 9.12425 94	0 19619	0.87187	9.99612 21
400 19510 94	0 19000	0 0 0 0 0 1	9.99610 20
419.12612 93	9.120041	0.86996	9.99608 19
42 9,12706 94	IA 120AAI	0.86901	9.99607 18
42 9 19799 93	0 13104	O SESOR	9.99605 17
44 9.12892 98	19. I X 2 R 9 I 1	0.86711	9.99603 16
45 9.12985 93	6 12224	0.86616	9.99601 15
46 0 12078 93		0.86522	9.99600 14
47 9.13171 93	9.125731	0.86427	9.99598 13
48 9.13268 92	0 12667	0.86333	9.99596 12
40 0 13355 92	0 13761	0.86239	9.99595 11
50 9.13447 92	9.138541	0.86146	9.99593 10
51 9.13539 92	0 12649	0.86052	9.99591 9
18630 91	0 14041	85050	9.99589 8
58 9.13722 92	9.141341	0.85866	9.99588 7
54 9.13818 91	0 14997	0.85773	9.99586 6
85 0 12004 91	0 14990	0.85680	9.99584 5
56 9.13994 90	9.14412	0.85588	9.99582 4
57 9.14085 91	0.145041	0.85496	9.99581 8
58 9 14175 90	9.145971	0.85403	9.99579 2
59 9.14266 91		0.85312	9.99577 1
60 9.14356 90	9.14780	0.85220	9.99575 0
Cos. 82	Cot. 82	Tang. 82	Sin. 82

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_	Sin. 8	D.	Tang. 8	ld c	Cot. 8	Cos. 8	
7	9.14856		9.14780		0.85220	9.99575	60
Ĭ	9.14445	89	9.14872	92	0.85128	9.99574	59
2	9.14535	90	9.14963	91	0.85037	9.99572	58
13	9.14624	89	9.15054	91	0.84946	9.99570	57
1 4	9.14714	90	9.15145	91	0.84855	9.99568	56
3	9.14808	89	9.15236	91	0.84764	9.99566	55
6	9.14891	88	9.15327	91	0.84678	9.99565	54
7	9.14980	89	9.15417	90	0.84583	9.99568	52
8	9.15069	89	9.15508	91	0.84492	9.99561	52
1-		88		90			_
9	9.15157	88	9.15598 9.15688	90	0.84402	9.99559	
10	9.15245		9.15777	89	0.84812	9.99557	50 49
111		88		90			_
B		97	9.15867	89	0.84183	9.99554	48
13		00	9.15956	90	0.84044	9.99552	47
114	9.15596	87	9.16046	89	0.83954	9.99550	46
15	9.15688	87	9.16185	89	0.88865	9.99548	45
16	9.15770	87	9.16224	88	0.83776	9.99546	44
17	9.15857	87	9.16312	89	0.83688	9.99545	43
18	9.15944	1	9.16401	88	0.83599	9.99548	42
19			9.16489	88	0.83511	9.99541	41
20	9.16116		9.16577		0.83428	9.99539	40
21	9.16203	87	9.16665	88	0.83335	9.99537	39
22	9.16289	86	9.16753	88	0.83247	9.99535	38
23	9.16374	85	9.16841	88	0.83159	9.99533	37
24	9.16460	86	9.16928	87	0.83072	9.99582	36
25	9.16545	85	9.17016	88	0.82984	9.99530	35
26	9.16631	86	9.17108	87	0.82897	9.99528	84
27	9.16716	85	9.17190	87	0.82810	9.99526	33
28	100200	85	9.17277	87	0.82723	9.99524	32
	9.16886	85	9.17363	86	0.82627	9.99522	81
	9.16970	84	9.17450	87	0.82550	9.99520	30
I-	Cos. 81	1	Cot. 81		Tang. 81	Sin. 81	<u> </u>
	a mu annumbu	_					

/ Sin. 8 D. Tang. 8 d c	Cot. 8	Cos. 8	_
20 0 16970 0 17450	0.82550	9.99520	80
121 0 17055 85 0 17536 86	0.82464	9.99518	29
32 9.17139 84 9.17622 86	0.82378	9.99517	28
33 9.17223 84 9.17708 86	0.82292	9.99515	27
124 9 17207 84 9 17704 80	0.82206	9.99518	26
35 9.17391 84 9.17880 86	0.82120	9.99511	25
26 0 17474 83 0 17965 85	0.82035	9.99509	24
97 9 17550 84 9 19051 80		9.99507	23
38 9.17641 83 9.18136 85		9.99505	22
20 0 17794 83 0 10991 85		9.99508	21
40 0 17807 83 0 19206 85		9.99501	20
41 9.17890 83 9.18891 85		9.99499	19
83		9.99497	18
42 9.17973 82 9.18475 85 43 9.18055 82 9.18560 84		9.99495	17
44 9.18137 82 9.18644 84	1000001	9.99494	16
83			-
45 9.18220 82 9.18728 84		9.99492	15
46 9.18302 81 9.18812 84 47 9.18883 81 9.18896		9.99490	14
82 83		9.99488	_
48 9.18465 82 9.18979 84		9.99486	12
49 9.18547 - 9.19063 22		9.99484	!!
30 9.18028 81 9.19140 88	0.80854	9.99482	10
51 9.18709 9.19229		9.99480	9
# 22 3.12 130 e 1 3.13212 e 2	1	9.99478	8
58 9.18871 81 9.19395 83	0.80605	9.99476	_1
54 9.18952 81 9.19478 88	0.80522	9.99474	6
100 9.1 9088 CU 9. 19501 CO		9.99472	5
56 9.19113 80 9.19643 82	0.80357	9.99470	4
#5719.191931 19.19725	0.80275	9.99468	8
58 9.19273 80 9.19807 82	0.80193	9.99466	2
59 9.19353 80 9.19889 82	0.80111	9.99464	ı
60 9.19433 80 9.19971 82	0.80029	9.99462	0
. Cos. 81 Cot. 81	Tang. 81	Sin. 81	

Sin. 9	Tang. 9	Cot. 9	Cos. 9.	_
0 9.19433	19.19971	0.80029	9.99462	60
19.19513 80		82 0.79947	9.99460	59
2 9.19592 79	9.20134	B1 0.79866	9.99458	58
3 9.19672 80	9.20216	0.79784	9.99456	57
4 9.19751 79	9.20297	81 0.79703	9.99454	56
5 9.19830 79	9.20378	81 0.79622	9.99452	55
69,19909 79		0.79541	9.99450	54
79.19988 79	9.20540	0.79460	9.99448	53
8 9.20067 79	9.20621	0.79379	9.99446	52
78		801		
9 9.20145	9.20701	0.79299	9.99444	
10 9.20220	9.20782	0.79218	9.99442	50 49
11 9.20302 78	9.20862	0.79138		_
12 9.20380 78	9.20942	0.79058	9.99438	48
18 9.20400	9.21022	6V 0.18818	9.99436	47
14 9.20535 78	19.211021	0.78898	9.99434	46
N 1519.200131	9.211821	0.78818	9.99482	45
16 9.20691 78	19.212611	0.78739	9.99429	44
17 9.20768 77	1 9.ZI3411	10. (5059)	9.99427	43
18 9.20845 77	19.214201	0.78580	9.99425	42
19 9.20922 77		0.78501	9.99423	41
20 9.20999 77	9.21578	79 0.78422	9.99421	40
21 9.21076 77	9.21657	79 0.78343	9.99419	39
22 9.21153 77	9.21736	79 0.78264	9.99417	38
23 9.21229 76	9.21814	78 0.78186	9.99415	37
24 9.21306 77		79 0.78107	9.99413	36
25 9.21382 76	9.21971	78 0.78029	9.99411	35
26 9.21458 76	9.21911	78 0.77951	9.99409	34
1		78		33
27 9.21534 76	9.22127	78 0.77873	9.99407	
1 28 9.21010 7E	9.22205	78 0.77795 0.77717	9.99404	32 31
29 9.21000 78	9.22288	78 0.77639	9.99402	
36 9.21761				==
Cos. 80	Cot. 80	Tang. 80	51n. 80	

/ Sin. 9 D.	Tang. 9 d	Cot. 9	Cos. 9 /
20 0 91761	0 99961	0 77690	
21 0 21996 10	0 00420 7	0 77540	9.99398 29
22 9.21912 10	9.22516	10 774X4	9.99396 28
75	9.22593	0 77407	9.99394 27
24 0 22062 13	9 22670 7	0 77880	9.99392 26
35 9.22137 75	9.22747	0.77253	9.99390 25
74	9.22824		9.99388 24
36 9.22211 75 37 9.22286	9.22824 77	0.77176	9.99385 23
38 9.22261 75	9.22977	0.77023	9.99383 22
74	77		
39 9.22435 74	9.28054	0.76946	9.99381 21
40 9.22509 74	9.23130 76 9.23206	0.76870	9.99379 20
41 9.22588 74	1	1	
42 9.22657 74	9.23283	0.76717	9.99375 18
48 9.22781 74	9.23359	0.76641	9.99372 17
44 9.22805 73	9.23485	0.76565	9.99370 16
45 9.22878 74	9.23510	0.76490	9.99368 15
46 9.22952 73	9.23586	0.76414	9.99366 14
47 9.28025 73	9.23661	0.76239	9.99364 18
48 9.23098 73	1 9.23737	0.76262	9.99362 12
49 9.23171 72	9.23812	10.76 IXX	9.99359 11
50 9.23244 73	119.238871	10.76113	9.99857 10
K1 0 00017	9.28962	10.76038	9.99355 9
E 0 0 9 2 2 0 0 1 8	9.24027 75	III. TANKA	9.99353 8
53 9.23462 72	9.24112	U. 13888	9.99351 7
54 9.23535 73	9.24186	0.75814	9.99348 6
55 0 93807 72	9.24261 78	0.75789	9.99346 5
56 9.23679 72	9.24335 74	0.75665	9.99344 4
57 9.23752 73	9.24410	0.75590	9.99342 3
58 0 98893 71	9.24484	0.75516	9.99340 2
50 0 28805 72	9.24558 74	0.75442	9.99337 1
60 9.23967 72	9.24632	0.75368	9.99335 0
Cos. 80	Cot. 80	Tang. 80	
1 0000	W	, 5. 00	

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/ Sin. 10 D.	Tang. 10	Cot. 10	Cos. 10	4
0 9.23967 72	9.24632	0.75368		60
1 9.24039 71	9.24706	74 0.75294	9.99333	59
1 219.24110	9.24779	73 0.75221	9.99331	58
3 9.24181 71	9.24853	74 0.75147	9.99328	57
4 9.24253 72	9.24926	78 0.75074	9.99326	56
5 9.24324 71	9.25000	74 0.75000	9.99324	55
6 9.24395 71	9.25073	73 0.74927	9.99322	54
7 9.24466 71	9.25146	73 0.74854	1	53
8 9.24536 70	9.25219	73 0.74781	9.99317	52
9 9.24607 71	9.25292	73 0.74708	9.99315	51
10 9.24677 70	9.25365	73 0.74635		50
11 9.24748 71	9.25437	72 0.74563	1	49
12 9.24818 70	9.25510	73 0.74490	9.99308	48
13 9.24888 70	9.25582	72 0.74418		47
14 9.24958 70	9.25655	73 0.74345		46
15 9.25028 70	9.25727	72 0.74273	9.99301	45
16 9.25098 70	9.25799	72 0 74201	10.000	44
17 9.25168 70	9.25871	72 0.74129		43
18 9.25237 69	9.25943	72 0.74057		42
19 9.25307 70	9.26015	72 0.73985		41
20 9.25376 69	9.26086	71 0.73914		40
21 9.25445 69	9.26158	72 0.73842		39
22 9.25514 69	9.26229	71 0.73771	10000-001	38
23 9.25583 69	9.26301	72 0.73699		37
24 9.25652 69	9.26372	71 0.73628	I	36
25 9.25721 69	9.26443	71 0.73557		35
26 9.25790 69	9.26514	71 0.73486		34
27 9.25858 68		71		33
28 9.25927 69	9.26655	70 0.73415	100000	33
29 9.25995 68	9.26726	71 0.73274	1-1-1	31
30 9.26063 68	9.26797	71 0.73203		30
Cos. 79	Cot. 79	Tang. 79		
, 500, 75	1 201. 19 1	Twee (a)	, 5111. /9 (

/ Sin. 10 D	Tang. 10 Cot. 10	Cos. 10 /
20 0 26062	0 26707 0 72203	9.99267 30
81 9.26131 6	0 96967 70 0 73122	9.99264 29
22 9.26199 6	9.26937 70 0.78063	9.99262 28
83 9.26267	9.27008 71 0.72992	9.99260 27
34 9.26335	9.27078 70 0.72922	9.99257 26
35 9.26403	9.27148 70 0.72852	9.99255 25
1 - 6	70	
36 9.26470 6	1 9.27218 0.72782	9.99252 24
37 9.26538 g	, 9.27288 0.72712	9.99250 23
38 9.26605 6		9.99248 22
39 9.26672 6	. 9.27427 * 10.72573	9.99245 21
40 9.26739 6	. 9.27496 ~ 0.72504	9.99243 20
#14119.268061 ⁻	[9.27566 <u>*</u> 0.72434	9.99241 19
42 9.26873	_ 9.27635 ~ 0.72365	9,99238 18
42 0 26040 0	_ 9.27704 ~~ 0.72296	9.99236 17
44 9.27007	9.27773 69 0.72227	9.99233 16
45 9.27078	~ 0 97949 ~~ 0 791 KQ	9.99231 15
46 9.27140 6	9 27911 69 0 72089	9.99229 14
47 9.27206	9.27980 69 0.72020	9.99226 18
11-1	7 60	
48 9.27273 6	9.28049 68 0.71951	W
49 9.27339 6	8 9.28 11 1 80 V. 11838	
50 9.27405 6	9.28186 68 0.71814	1
351 9.27471 a	9.28254 0.71746	9.99217
1 22 9.2 (23)	9.28323 48 0.71077	9.99214 8
53 9.27602 6	W.Z8391 U.110UH	9.99212 7
N 5419.276681	` Q.28459 `` Q.71541	9.99209 6
55 9.27734 6	9.28521 0.71474	
20 30 3.2 (199)		9.99204 4
57 9.27864 6	19.28662 0.71338	9.99202 3
58 9.27930 6	0 28780 08 0 71270	
59 9.27995 6	9 28798 68 0.71205	11 1 - 1
60 9.28060 6	9.28865 67 0.71135	9.99195 0
Cos. 79	Cot. 79 Tang. 79	Sin. 79
	" 1 B+ >-	

/ Sin. 11 D.	Tang. 11	Cot. 11	Cos. 11	1
0 9.28060	9.28865	0.71185	3.99195	60
1 9.28125 65		67 0.71067	9.99192	59
B 219.281901 T	9.790001	~ `10.71000	9.99190	58
3 9.28254 64	0 20067	67 0.70933	9.99187	57
40 99210 65	0 901 94	07 0 70088	9.99185	56
5 9.28384 05	9.28201	0.70799	9.99182	55
64 29449 64	a anneal	0.70782	9.99180	54
70 29812 04	0 90925	070665	9.99177	53
8 9.28577 65	9.29402	67 0.70598	9.99175	52
L 64		66		-
9 9.28641 64		67 0.70582 0.70465	9.99172 9.99170	51
64	9.29601	66 0.70399	9.99167	50
64		67		49
12 9.28833 63	9.29668	66 0.70332	9.99165	48
13 9.28890	9.29734	66 0.70266	9.99162	47
14 9.28960 64	9.29800	66 0.70200	9.99160	46
15 9.29024	9.29866	66 0.70134	9.99157	45
16 9.29081 62	9.29932	66 0.70068	9.99155	44
17 9.29150 64	19.299981	66 0.70002	9.99152	48
H 12 0 20214 -	0 300641	- IA 60026	9.99150	42
19 9.29277 63		66 0.69870	9.99147	41
# 2019.29340t - I	19.201951	10.69805	9.99145	40
21 9.29403 63	10 20961	66 0.69789	9.99142	39
22 9.29466 68		65 0 69674	9.99140	38
23 9.29529 63	9.303911	0.69609	9.99137	37
24 9.29591 62	10 204571	0.69543	9.99135	36
95 0 20654 68	0 20522	05 0 60478	9.99182	85
26 9.29716 62	9.30587	0.69413	9.99130	84
27 0 20779 63	0 30659	65 0 60249	9.99127	23
28 9 20841 62	0 30717	65 0 60989	9.99124	32
20 9 20903 62	9.30782	65 0 69218	9.99122	31
30 9.29966 63	9.30846	64 0.69154	9.99119	30
Co4. 78	Cot. 78	Tang. 78		==
1000.101	300.70 1	1 2 40. 5. 70	, 10	•

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1	Sin. 11	D	Tang. 11	d e	Cot. 11	Cos. 11	4
30	9.29966	62	9.30846		0.69154	9.99119	30
31	9.30028	62	9.80911	65	0.69089	9.99117	29
32	9.30090	1	9.30975	64	0.69025	9.99114	28
33	9.80151	61	9.31040	65	0.68960	9.99112	27
34	9.80213	62	9.31104	64	0.68896	9.99109	26
35	9.30275	62	9.31168	64	0.68832	9.99106	25
36	9.30236	61	9.81233	65	0.68767	9.99104	24
37	9.30398	62	9.31297	64	0.68703	9.99104	23
38	9.30459	61	9.31361	64	0.68639	9.99099	22
		62		64			_
39 40	9.30521 9.30582	61	9.31425	64	0.68575	9.99096	21 20
41	9.80648	61	9.81552	63	0.68511 0.68448	9.99098	
		61		64			19
42	9.80704	61	9.81616	63	0.68384	9.99088	18
43	9.80765	61	9.31679	64	0.68321	9.99086	17
44	9.30826	51	9.31743	63	0.68257	9.99083	16
45	9.30887	60	9.81806	64	0.68194	9.99080	15
46	9.80947	61	9.31870	63	0.68130	9.99078	14
47	9.81008	60	9.81933	63	0.68067	9.99075	13
48	9.31068	61	9.31996	68	0.68004	9.99072	12
49	9.31129	60	9.82059	63	0.67941	9.99070	11
50	9.81189	61	9.32122	63	0.67878	9.99067	10
51	9.31250		9.32185	l	0.67815	9.99064	9
52	9.31310	60 60	9.32248	63	0.67752	9.99062	8
53	9.31370		9.32311	63	0.67689	9.99059	7
54	9.31430	60	9.32373	62	0.67627	9.99056	6
55	9.81490	60	9.82436	63	0.67564	9.99054	5
56	9.81549	59	9.32498	62	0.67502	9.99051	4
57	9.81609	60	9.32561	63	0.67439	9.99048	3
58	9.31669	60	9.32623	62	0.67877	9.99046	2
59	9.81728	59	9.32685	62	0.67315	9.99043	7
60	9.31788	60	9.32747	62	0.67258	9.99040	ō
-	Cos. 78		Cot. 78	l	Tang. 78	Sin. 78	
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1	Sin. 12	ь.	Tang. 12	dс	Cot. 12	Cos. 12	
0	9.31788		9.32747		0.67253	9.99040	60
Ιi	9.31847	59	9.32810	68	0.67190	9.99038	59
2	9.31907	60	9.32872	62	0.67128	9.99035	58
3	9.31966	59	9.32933	6 1	0.67067	9.99032	57
4	9.32025	59	9.32995	62	0.67005		56
5	9.32084	59	9.83057	62	0.66943	9.99027	55
		59		62	0.66881	9,99024	54
6	9.32143	59	9.33119	61	0.66820	9.99024	53
7	9.32202	59	9.33180 9.33242	62	0.66758		52
I	9.32261	58		61		9.99019	_
9	9.32319	59	9.33303	62	0.66697	9.99016	51
10		59	9.33365	61	0.66635	9.99013	50
11	9.32437	58	9.33426	61	0.66574	9.99011	49
12	9.32495	58	9.33487		0.66513	9.99008	48
13	9.32553	59	9.33548	6 ! 6 !	0.66452	9.99005	47
14	9.32612		9.33609		0.66391	9.99002	46
15	9.32670	58	9.33670	61	0.66330	9.99000	45
16	9.32728	58	9.33731	61	0.66269	9.98997	44
17	9.32186	58	9.33792	61	0.66208	9.98994	43
18	9.32844	58	9.33853	€1	0.66147	9.98991	42
	9.32902	58	9.33913	60	0.66087	9.98989	41
	9.32960	58	9.33974	Q I	0.66026	9.98986	40
		58		60			-
21	9.33018 9.33075	57	9.34034 9.34095	61	0.65966	9.98983	39
		58	9.34155	60		9.98980	38
23		57		60	0.65845	9.98978	_
24		58	9.34215	61	0.65785	9.98975	36
25		57	9.84276	60	0.65724	9.98972	35
26	9.33305	57	9.34336	60	0.65664	9.98969	34
27	9.33362		9.34396		0.65604	9.98967	33
28	9.33420	58 57	9.34456	60	0.65544	9.98964	32
29	9.33477	57	9.34516	60 60	0.65484	9.98961	31
80	9.33534	31	9.34576	טט	0.65424	9.98958	30
_	Cos. 77		Cot. 77	١,	Tang. 77	bin. 77	
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_	Sin. 12	D.	Tang. 12	la	Cot. 12	Cos. 12	11
30	9.33534	i -	9.34576	1	O SEADA	9.98958	30
31	9.33591	57	9.34635	28	O BEZEE	9.98955	
32	9.33647	56	9.34695	60	0.65305		1
33		57	9.34755	60	O SEGAR	9.98950	27
	9.33761	57	9.34814	59	0 65106	9.98947	26
35		57	9.34874	60	0.65126	9.98944	25
36	9.33874	56		59			-
30 37	9.33931	57	9.34933	59	0.65067	9.98941	24
38		56	9.34992 9.35051	59	0.64949	9.98938 9.98936	23 22
		56		60			
39	9.34043	57	9.35111	59	0.64889	9.98933	21
	9.34100	56	9.35170	59	0.64830	9.98930	20
41	9.34156	56	9.35229	59	0.64771	9.98927	19
42	9.34212	56	9.35288	59	0.64712	9.98924	18
43	9.34268	56	9.35347	58	0.64653	9.98921	17
44	9.34324	56	9.35405	59	0.64595	9.98919	16
45	9.34380	56	9.35464	59	0.64536	9.98916	15
46	9.34436	55	9.35523	58	0.64477	9.98913	14
47	9.34491	56	9.35581	59	0.64419	9.98910	13
48	9.34547		9.35640	58	0.64360	9.98907	12
49	9.34602	55	9.35698	58 59	0.64302	9.98904	11
50	9.34658	56	9.35757		0.64243	9.98901	10
51	9.34713	55	9.35815	58	0.64185	9.98898	9
52	9.34769	56	9.35873	58	0.64127	9.98896	8
53	9.34824	55	9.35931	58	0.64069	9.98893	7
54	9.34879	55	9.35989	58	0.64011	9.98890	6
55	9.34934	55	9.36047	58	0.63953	9.98887	5
56	9.34989	55	9.36105	58	0.63895	9.98884	4
57	9.35044	55	9.36163	58	0.63837	9.98881	3
	9.35099	55	9.36221	58	0.63779	9.98878	2
59	9.35154	55	9.36279	58	0.63721	9.98875	71
60	9.35209	55	9.36336	57	0.63664	9.98872	ō
_	Cos. 77		Cot. 77	İ	Tang. 77		-1

7 Sin. 13 D. Tang. 13 Cot. 13 Cos. 13 0 9.35269 54 9.36336 Sin. 13 Cos. 13 0 0.63664 9.98872 6 9.35318 Sin. 13
0 9.35209 54 9.36334 58 0.63664 9.98872 6 9.36394 8 0.63668 9.98669 5 9.36452 58 0.63548 9.98664 5 9.36566 57 0.63491 9.98664 5 9.35481 55 9.36681 57 0.63376 9.98858 5 9.36681 57 0.63376 9.98858 5 9.36681 57 0.63378 9.98858 9.36881 9
2 9.35318 55 9.36452 58 0.63548 9.98867 5 3 9.35373 55 9.36566 57 0.63491 9.98864 5 4 9.35427 54 9.36566 57 0.63434 9.98861 5 5 9.35381 54 9.36681 57 0.63339 9.98858 5 6 9.35386 54 9.36681 57 0.63339 9.98858 5
2 9.35318 55 9.36452 0.63349 9.98864 5 9.36566 7 0.63491 9.98864 5 9.35481 54 9.36566 57 0.63376 9.98858 5 9.36681 57 0.63319 9.98858 5 9.36681 57 0.63319 9.98858 5
3 9.35313 54 9.36566 57 0.63434 9.98861 5 9.35481 54 9.36624 58 0.63376 9.98858 5 6 9.35536 54 9.36681 57 0.63319 9.98855 5
4 9.35427 54 9.36566 57 0.63434 9.98861 5 9.35481 55 9.36624 57 0.63376 9.98858 5 6 9.35536 54 9.36681 57 0.63319 9.98855 5
6 9.35536 5.4 9.36681 57 0.63319 9.98858 5
7 19.35590 54 9.36738 57 0.63262 9.98852 5
89.35644 54 9.36795 57 0.63205 9.98849 5
99.35698 54 9.36852 57 0.63148 9.98846 5
10 9.35752 54 9.36909 57 0.63091 9.98848 5
11 9.35806 54 9.36966 57 0.63034 9.98840 4
12 9.35860 54 9.37023 57 0.62977 9.98837 4
13 9.35914 54 9.37080 57 0.62920 9.98834 4
14 9.35968 54 9.37137 57 0.62863 9.98831 4
15 9.36022 54 9.37193 56 0.62807 9.98828 4
19 9.39075 9.37250 ~ 0.62750 9.98825 4
[1 9.30 29 9.37300 ~ ~ 0.62694 9.98822 4
18 9.26 82 9.37363 0.62637 9.988 9 4
19 9.36236 54 9.37419 56 0.62581 9.98816 4
20 9.36289 53 9.37476 57 0.62524 9.98813 4
21 9.86342 53 9.37532 56 0.62468 9.98810 3
22 9.36395 53 9.37588 56 0.62412 9.98807 3
28 9.36449 54 9.37644 56 0.62356 9.98804 3
24 9.36502 53 9.37700 56 0.62800 9.98801 3
25 9.36555 53 9.37756 56 0.62244 9.98798 3
26 9.36608 53 9.37812 56 0.62188 9.98795 3
27 9.36660 52 9.37868 56 0.62132 9.98792 3
28 9 3671 2 53 9 37924 56 0 62076 9 98789 3
29 9.36766 53 9.37980 56 0.62020 9.98786 3
30 9.36819 58 9.38035 55 0.61965 9.98783 3
Cos. 76 Cot. 76 Tang. 76 Sin. 76

				7
/ Sin. 13 D.	Tang. 13 d	Cot. 13	Cos. 13 /	.I
20 0 36810	9.38035	0.61965	9.98783 30	3
31 9.36871 52	9.38091 5		9.98780 29	ı
32 9.36924 53	19.381471	10.61953	9.98777 28	: 1
33 9.36976 52	9.38202	10 61700	9.98774 27	;
24 0 27098 52	0 20257 3	0 61743	9.98771 26	
35 9.37081 53	9.88212	0.61687	9.98768 25	
	5:	1		- 15
36 9.37 133 52 37 9.37 185 52	9.38368	0.61632	9.98765 24 9.98762 23	- 12
152	9.38479 5	0.61521	9.98759 22	. 15
52	1	·		- 18
39 9.37289 52	9.88584	0.61466	9.98756 21	. 16
40 9.37341 59	9.88589	0.61411	9.98758 20	1
41 9.37393 52	9.38644	10.61226	9.98750 19	1
42 9.37445 52	9.38699	IN & 1 201	9.98746 18	:
43 9.87497 52	3.48154	0.01246	9.98743 17	. 15
44 9.37549 51	9.38808	10.51192	9.98740 16	1
45 9.87600 52	19.388831	10.61127	9.98737 15	. I
46 9.37652 51	9.38918 54		9.98734 14	ı
14719.377031	19.389721	10.01028	9.98731 13	: [
48 9.37755 52	9.39027	10.60972	9.98728 12	ı
49 9.37806 51	9.39082 5	10.60918	9.98725 11	ı
50 9.37858 52	9.39136 54	10.00804	9.98722 10	ı
51 9.27909 51	9.39190 54	10 80810	9.98719 9	:1
52 0 97060 51	0 20245 55	0 60755	9.98715 8	-
53 9.38011 51	9.39299 54	0.60701	9.98712 7	
54 9.38062 51	9.39358	0.60647	9.98709 6	- 11
55 9.38113 51	9.39407 54	0.60593	9.98706 5	
56 9.38164 51	9.39461 54	0.60539	9.98703 4	
51	54	1		
57 9.38215 51	9.39515	0.60485		
58 9.38200	9.39599	0.00431		
28 8.909 11 21	9.39623 54	0.60377	9.98694 I	- 13
60 9.38368	9.39677		1	- 1
Cos. 76	Cot. 76	Tang. 76	Sin. 76	J

/ Sin. 14 D.	Tang. 14	Cot. 14	Cos. 14	
0 9.38368	9.39677	0.60323	9.98690	60
1 9.38418 50	9.39731 5	TIN KNYKU	9.98687	59
2 9.38469 51	9.39785	-10.60215	9.98684	58
2 9.38519 50	9.39838	0.60162	9.98681	57
4 9.88570 51	0.20802 3	0.60108		56
5 9.38620 50	9.39945	10.60022	9.98675	55
6 9.38670 50	9.39999 5	10.60001	9.98671	54
7 9.38721 51	9.40052 5	0.50048		53
8 9.38771 50	9.40106 5	0.59894		52
9 9.38821 50	9.40159 5	0.59841		51
10 9.38871 50	9.40212	0.59788		51 50
11 9.38921 50	9.40266	0.59784		49
12 9.38971 50	9.40319	0.59681		48
13 9.89021 50	9.40372 5	0.59628		47
14 9.39071 50	9.40425	0.59575		46
50	5:	<u> </u>		_
15 9.39121	9.40478	0.59522		45
16 9.39170 50	9.40584	0.59469		44 43
H KO	5	2		_
18 9.39270	9.40636	0.59864		42
1 12 2.03012	9.40089	0.59311		41
20 9.39309	9.40142	0.59Z38	9.98627	<u>40</u>
21 9.39418 40	9.40795	0.59205		39
22 9.39467 50	3.40941 K	0.03103		38
23 9.39517 49	9.40900	10.23100	9.98617	37
24 9.39566 49	9.40952	10.5904X		36
25 9.396 15	A.41009	0.58995		35
26 9.39664 49	9.41057	10.35743	9.98607	34
1 27 9.397 13	9.41109	0.59861	9.98604	33
28 9.39762 49	9.41161 5			32
29 9.39811	9.41214	0.58180		3 1
30 9.39800	9.41266	0.58734	9.98594	30
Cos. 75	Cot. 75	Tang. 75	Sin. 75	_

	hm	10.		7
/ Sin. 14 D.	Tang. 14 d	Cot. 14	Cos. 14 /	٠ij
30 9.39860 49	9.41266 52	0.58734	9.98594 30	_ 1
	9.41318 52		9.98591 29	М
32 9.39958 49	H9.41370 **	10.58630	9.98588 28	3
23 9.40006 48	9.41422	A 58578	9.98584 27	- 15
24 9 40055 49	0 41474 57	0 88896	9.98581 26	
35 9.40103 48	9.41526 52	0.58474	9.98578 25	- 16
49	52			- 1
36 9.40152 48	9.41578 51	0.58422	9.98574 24	- 18
37 9.40200 49	9.41629 52	0.58371	9.98571 23	- 12
38 9.40249 48	9.41681 52	0.58319	9.98568 22	- 12
39 9.40297	9.41733	0.58267	9.98565 21	
40 9.40346	9.41784 52	0.58216	9.98561 20	- 12
41 9.40394 48	9.41836	10.58164	9.98558 19	2
42 9.40442 48	9.41887 52	10 48112	9.98555 18	3
43 9.40490 48	no viexe:	10.58081	9.98551 17	ı
4419.405281	9.41990 51	10.58010	9.98548 16	3
45 9.40586 48	9.42041 51	10 87080	9.98545 15	
46 9 40634 48	9.42093 52	0 57907	9.98541 14	
47 9.40682 48	9.42144 51	0.57856	9.98588 13	- 8
48 9.40730 48	9.42195		9.98535 12	- 1
49 9.40778 48	9.42246 51	0.57754	9.98531 11	- 1
50 9.40825 47	9.42297 51	0.57703	9.98528 10	
48	51			- 1
51 9.40873 48	9.42348	0.57652	9.98525	- 1
52 9.40921 47	9.42599	10.0101	9.98521 8	
58 9.40968 48	9.42450 51	0.57550	9.98518 7	- 1
54 9.41016	9.42501	0.57499	9.98515	
22 3.41003 46	9.42552	D.9 1449	9.98511	
56 9.41111 47	9.42608 50	10.01921	9.98508 4	H
I 5719.411581	19.426531	10.57347	9.98505 3	
58 9.41205 47	9.42704 51		9.98501 2	
59 9.41252 48	9.42755 51	10.5/255	9.98498	ı
60 9.41300 28	9.42805 50	0.57195	9.98494	М
Cus. 75	Cot. 75	Taug. 75	Sin. 75	-
×				_

	6: 14			_			_
-	Sin. 15	D.	Taug. 15	d o	Cot. 15	Cus. 1.1	!
0	9.41300		9.42805	51	0.57195	9.98494	60
1	9.41347	47 47	9.42856	5 I	0.57144	9.98491	59
.2	9.41394		9.42906		0.57094	9.98488	58
3	9.41441	47	9.42957	51	0.57043	9.98484	57
4	9.41488	47	9.43007	50	0.56993	9.98481	56
5	9.41535	47	9.43057	50	0.56943	9.98477	55
6	9.41582	47	9.43108	5 L	0.56892	9.98474	54
7	9.41628	46		50	0.56842	9.98471	
á	9.41675	47	9.43158	50	0.56792	9.98467	53 52
_		47		50			
9	9.41722	46	9.43258	50	0.56742	9.98464	51
10	9.41768	47	9.43308	50	0.56692	9.98460	50
11	9.41815	46	9.43358	50	0.56642	9.98457	49
12	9.41861	47	9.43408	50	0.56592	9.98458	48
13	9.41908	46	9.43458	50	0.56542	9.98450	47
14	9.41954		9.43508	50	0.56492	9.98447	46
15	9.42001	47	9.43558		0.56442	9.98443	45
16	9.42047	46	9.43607	49	0.56393	9.98440	44
17	9.42093	46	9.43657	50	0.56343	9.98436	43
18	9.42140	47	9.43707	50	0.56293	9.98433	42
19	9.42186	46	9.43756	49	0.56244	9.98429	41
20	9.42232	46	9.43806	50	0.56194	9.98426	40
21	9.42278	46		49			39
22	9.42218	46	9.43855 9.43905	50	0.56145	9.98422 9.98419	38
23	9.42370	46	9.43954	49	0.56046	9.98415	37
-		46		50			-
24	9.42416	45	9.44004	49	0.55996	9.98412	36
25	9.42461	46	9.44058	49	0.55947	9.98409	35
26	9.42507	46	9,44102	49	0.55898	9.98405	34
27	9.42553	46	9.44151	50	0.55849	9.98402	33
28	9.42599	45	9.44201	49	0.55799	9.98398	32
29	9.42644	46	9.44250	49	0.55750	9.98395	31
30	9.42690	**	9.44299	22	0.55701	9.98391	30
	Cos 74		Cot. 74		Tang. 74	Sin. 74	-

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/ Sin. 15 D.	Tang. 15 d	Cot. 15	Cos. 15	4
30 9.42690 45	9.44299	0.55701	9.98391	30
31 9.42735 46	9.44348	IN KKKKO	9.98388	29
32 9.42781 45	9.44397	0.55603	9.98384	28
33 9.42826 46	9.44446	O EEEKA	9.98381	27
34 9.42872 45	9.44495		9.98377	26
35 9.42917 45	9.44544	10.55456	9.98373	25
36 9.42962 46	9.44592	IN ERANG	9.98370	24
37 9.43008 45	9.44641		9.98866	23
38 9.43053 45	9.44690	10.55310	9.98363	22
39 9.43098 45	9.44738	10 55989	9.98359	21
40 9.43143 45	9.44787	10 5571X	9.98256	20
41 9.43188 45	9.44836	10.55164	9.98352	19
42 9.43233 45	9.44884	10 55116	9.98349	18
43 9.43278 45	9.44938	10.55067	9.98345	17
44 9.43323 44	9.44981	10.550191	9.98342	16
45 9.43367 45	6 45020	10.54071	9.98338	15
46 9.43412 45	9.45078	10.54922	9.98334	14
47 9.43457 45	9.45126	10.54874	9.98331	1,3
48 9.43502 44	9.45174	10.54826	9.98327	12
49 9.43546	9.45222	0.54778	9.98324	11
50 9.43591 44	9.45271	10.54129	9.98320	10
51 9.43635 45	9.45319	10.54681	9.98317	9
52 9.43680 44	9.45367	10.54633	9.98313	8
53 9.43724 45	9.45415	10.545851	9.98309	7
54 9.43769 44	U 45463	10.54537	9.98306	6
55 9.48813	9.45511	U.54489	9.98302	5
56 9.43857 44	9.45559	10.04441	9.98299	4
57 9.43901 45	9.45606	10.54394	9.98295	3
38 9.43940 AA	9.45654	0.54340	9.98291	2
59 9.43990	9.45702	0.34298	9.98288	1
60 9.44034	9.45750	0.54230	9.98284	0
Cos. 74	Cot. 74	Tang. 74	Sin. 74	

/ Sin. 16	D. Tang. 1	Cot. 16	Cos. 16 /
0 9.44034		0.54250	9.98284 6
1 9.44078	9.4579	71	9.98281 5
2 9.44122	9.4584	0.54155	9.98277 5
3 9.44166	9.4589	0.54108	9.98273 57
4 9.44210	2 Q 4504	180 0 54080	9.98270 5
5 9.44258	9.4598	0.54013	9.98266 5
6 9.44297	9 4603	48 - 5005	9.98262 54
7 9.44841	9.4608	210 29010	9.98259 5
8 9.44385	9.46130	1 TO A 52970	9.98255 52
	43	47	
99.44428	44 9.46177		9.98251 51
10 9.44472	9.46224		9.98248 50
11 9.44516	43 9.46271	48 0.58729	9.98244 49
12 9.44559	43 9.46319	4 11	9.98240 48
13 9.44602	44 9.46866	1471	9.98237 47
14 9.44646	43 9.46413	47 0.53587	9.98233 46
15 9.44689	9.46460	47 0.53540	9.98229 45
16 9.44738	43 9.46507	47 0.53493	9.98226 44
17 9.44776	19.46554	47 0.53446	9.98222 43
18 9.44819	9.46601	47 0.53399	9.98218 42
19 9.44862	48 9.46648	1 " '10 522591	9.98215 41
20 9.44905	9.46694	46 0.53306	9.98211 40
21 9.44948	9.46741	0.53259	9.98207 39
22 9.44992	44 0.46788	47 0 52212	9.98204 38
23 9.45035	43 9.46835	47 0.53165	9.98200 37
E 94 9.450771	9.46881	0.53119	9.98196 36
25 9.45 (20	43 9.46928	47 0 53079	9.98192 35
26 9.45163	43 9.46975	47 0.53025	9.98189 34
27 9.45206	43 9.47021	46 0 52079	9.98185 33
28 9 45940	43 0 47068	47 0.52939	9.98181 22
20 0 45202	43 0 47114	46 0.52886	9.98177 21
30 9.45324	42 9.47160	46 0.32840	9.98174 30
Cos. 73	Col. 73	Tang. 73	Sin, 73
1000.70	# OOC 13	1 [] a [] / / / /	0.4, 10

/ Sin. 16 D.	Tang. 16 d	Cot. 16	Cos. 16	<u> </u>
30 9.45334 43	9.47160 47	0.52840	9.98174	80
31 9.45377 42	9.47207 46	IA 59709	9.98170	29
U 3714.454191	19.472531	10.52747	9.98166	28
33 9.45462 43	9.47299	0.52701	9.98162	27
34 9.45504 42 43	0 47846 4	O 59854		26
1 35 9.455471	9.47392	10.52608	9.98155	25
36 9.45 89 42	9.47438	O ESECS	9.98151	24
27 0 45829 43	0 47494 41	0 89818		23
38 9.45674 42	9.47530 50	0.52470		22
39 9.45716 42	9.47576	IA E 9494	9.98140	21
40 0 45758 42	0 47899 40	0 59978	10000-00	20
41 9.45801 43	9.47668 40	0.52882		19
42 9 45843 42	0 47714 46	0.52286		18
42 9 45895 42	0 47760 4	A KROAA		17
44 9.45927 42	9.47806 46	0.52194		16
45 9.45969 42	9.47852 46	0.52148		15
46 9.46011 42	9.47897 45	0.52128	9.98113	12
47 9.46053 42	9.47943 46	0.52057		12
48 9.46095	9,47989 46	0.52011		12
49 9.46 136 41	9.48035 46	0.51965		11
50 9.46178 42	9.48080 45	0.51900		10
42	46			
51 9.46220 42 52 9.46262 42	9.48126 45	0.51874	9.98094 9.98090	9
53 9.46303 41	9.48217 46	0.51783	9.98087	7
42	45			
54 9.46345	9.48262 45	0.51788	9.98083	6
55 9.40886 20	9.48307 46	0.51698	9.98079	5
30 9.40428 41	9.48353 45			
57 9.46469	9.48398 45	0.51602	9.98071	3
58 9.40511 7	9.48443 46	0.51557	9.98067	2
39 9.4000Z 49	9.48489 45	0.51511	9.98060	
60 9.46594	Cot. 78		Sin. 73	ᅫ
Cos. 73	Oot. 78	Tang. 78	Sin. /8	

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/ Sin. 1	17 D.	Tang. 17	d c	Cot. 17	Cos. 17	1
0 9.465	94	9.48534	45	0.51466	9.98060	60
1 9.466	35 41	9.48579		0.51421	9.98056	59
2 9.466	76 41	9.48624	45	0.51376	9.98052	58
8 9.467	17 41	9.48669	45	0.51331	9.98048	57
4 9.467	58 41	9.42714	45	0.51286	9.98044	56
5 9.468		9.48759	45	0.51241	9.98040	55
	-141		45			54
6 9.468 7 9.468		9.48804	45	0.51196	9.98036	53
8 9.469		9.48849	45	0.51151	9.98032	52
1-1-1-1-1	41	-	45			_
9 9.469	-141	9.48939	45	0.51061	9.98025	51
10 9.470	UD ∡∧	9.48984	45	0.51016	9.98021	50
11 9.470	45 41	9.49029	44	0.50971	9.98017	49
12 9.470	86 41	9.49073	45	0.50927	9.98013	48
13 9.471	27 41	9.49118	45	0.50882	9.98009	47
14 9.471	681	9.49168		0.50837	9.98005	46
15 9.472	09 41	9.49207	44	0.50793	9.98001	45
16 9.472	49 40	9.49252	45	0.50748	9.97997	44
17 9.472	90 41	9.49296	**	0.50704	9.97993	43
18 9.473	30 40	9.49341	45	0.50659	9.97989	42
19 9.473	71 41	9.49285	44	0.50615	9.97986	41
20 9.474	- 140	9.49430	45	0.50570	9.97982	40
21 9.474	- 41	9.49474	44	0.50526	9.97978	39
22 9.474		9.49519	45	0.50481	9.97974	38
23 9.475		9.49563	44	0.50437	9.97970	37
l	40		44			_
24 9.475	- 140	9.49607	45	0.50393	9.97966	36
25 9.476 26 9.476	13/47	9.49652	44	0.50348	9.97962	35
1	54 40	9.49696	44	0.50804	9.97958	34
27 9.476	94 40	9.49740	44	0.50260	9.97954	33
28 9.477	34	9.49784	44	0.50216	9.97950	32
29 9.477	14 40	9.49828	44	0.50172	9.97946	31
30 9.478	14	9.49872	"	0.50128	9.97942	30
Cos.	72	Cot. 72	ı .	Tang. 72	in. 72	_

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/ Sin. 17 D.	Tang. 17 de	Cot. 17	Cos. 17	4
30 9.47814 40	9.49872	0.50128	9.97942	30
31 9.47854 40	9.49916	10 50084	9.97938	29
32 9.47894 40	9.49960 44	10.50040	9.97934	28
83 9.47934 40	9.50004	IN AUGUS	9.97930	27
34 9.47974 40	9.50048 44	10 40059	9.97926	26
85 9.48014 40	N9.500921 ~ ~	10.49968	9.97922	25
126 Q 4R054	9.50136	10.40264	9.97918	24
37 9.48094 40 39	9.50180 44		9.97914	23
48133	9.50223	0.49777	9.97910	22
39 9.48173 40	9.50267 44	0.49733	9.97906	21
40 9.48213 39	9.50311 44	0.49689	9.97902	20
41 9.48252 40	9.50355 43	10.49645	9.97898	19
42 9.48949	9.50398 44	In 40809	9.97894	18
43 9.48332 40	9.50442 43	10 40559	9.97890	17
44 9.48371 40	9.50485	10.49515	9.97886	16
45 9.48411 39	HQ.5052Q ***	10.40471	9.97882	15
40 9.48450	9.50572 44	0.49428	9.97878	14
47 9.48490 39	9.50616 43	10.49384	9.97874	13
48 9.48529 39	19.506591	10.49341	9.97870	12
49 9.48568 20	9.50703 44	0.49297	9.97866	11
50 9.48607 40	9.50746	10.49Z34	9.97861	10
51 9.48647 39	9.50789	10.49211	9.97857	9
92 9.48080 en	9.50833	0.43101	9.97853	8
53 9.48725 39	9.50876	10.49124	9.97849	7
54 9.48764 39	9.50919 43	IN AGORT	9.97845	6
22 3.48803	9.50902	0.49048	9.97841	5
56 9.48842 39	9.51005	10.48995	9.97837	_4
57 9.48881 20	9.51048	0.48952	9.97833	3
28 3.48820 30	9.51092	0.48908	9.97829	2
29 9.48928 50	9.51135	U.48800	9.97825	1
00 9.48998	9.51178	0.48822	9.97821	_0
Cos. 72	Cot. 72	Tang. 72	Sin. 72	

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Ľ	Sin. 18	lъ.	Tang. 18	la e	Cet. 18	Cos. 18	1
0	9.48998		9.51178		0.48822	9.97821	60
Hц	9.49037	39	9.51221	43	0.48779	9.97817	59
2	9.49076	39	9.51264	43	0.48736	9.97812	58
1 2	9.49115	39	9.51306	42	0.48694	9.97808	57
4	9.49153	38	9.51349	43	0.48651	9.97804	56
1 5	9.49192	39	9.51392	43	0.48608	9.97800	55
6	9.49231	39	9.51435	43	0.48565	9.97796	54
1 7	9.49269	38	9.51478	43	0.48522	9.97792	53
8		39	9.51520	42	0.48480	9.97788	52
9	9.49347	39	9.51563	43		9.91784	51
110		38	9.51506	43	0.48437	9.91779	50
1::	9.49424	39	9.51648	42	0.48352	9.97775	49
1		38		43			
12		38	9.51691	48	0.48309	9.97771	48
13	9.49500	39	9.51734	42	0.48266	9.97767	47
113		38	9.51776	43	0.48224	9.97763	46
15	9.49577	38	9.51819	42	0.48181	9.97759	45
16	9.49615	39	9.51861	42	0.48139	9.97754	44
17	9.49654	38	9.51903	43	0.48097	9.97750	43
18		38	9.51946	42	0.48054	9.97746	42
∦19	10000	38	9.51988	43	0.48012	9.97742	41
20	9.49768	38	9.52031	42	0.47969	9.97738	40
21	9.49806		9.52073	42	0.47927	9.97734	39
22	9.49844	38	9.52115	42	0.47885	9.97729	38
23	9.49882	38	9.52157	_	0.47843	9.97725	37
24	9.49920	38	9.52200	43	0.47800	9.97721	36
25	9:49958	38	9.52242	42	0.47758	9.97717	35
26	9.49996	38	9.52284	42	0.47716	9.97713	34
27	9.50034	38	9.52326	42	0.47674	9.97708	33
28	9.50072	38	9.52368	42	0.47632	9.97704	32
29	9.50110	38	9.52410	42	0.47590	9.97700	31
30	9.50148	38	9.52452	42	0.47548	9.97696	30
-	Cos. 71		Cot. 71		Tang. 71	Sin. 71	
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1	Sin. 18	D	Tang. 18	d e	Cot. 18	Cos. 18	D.	1
30	9.50148	37	9.52452	42	0.47548	9.97696		30
31	9.30185	38	9.52494	42	0.47506	9.97691	5	29
32	9.50223		9.52536	-	0.47464	9.97687	4	28
33	9.50261	38	9.52578	42	0.47422	9.97683	4	27
34	9.50298	37	9.52620	42	0.47380	9.97679	4	26
35	9.50336	38	9.52661	41	0.47339	9.97674	5	25
36	9.50374	38	9.52703	42	0.47297	9.97670	4	24
37	9.50411	37	9.52745	42	0.47255	9.97666	4	23
38	9.50449	38	9.52787	42	0.47213	9,97662	4	22
39	9.50486	37	9.52829	42	0.47171	9.97657	5	21
40	9.50523	37	9.52829	41	0.47130	9.97653	4	20
41	9.50561	38	9.52912	42	0.47088	9.97649	4	19
-		37		41			4	-
	9.50598	37	9.52953	42	0.47047	9.97645	5	18
	9.50635	38	9.52995	42	0.47005	9.97640	4	17
_	9.50673	37	9.53037	41	0.46963	9.97636	4	_
45	9.50710	37	9.53078	42	0.46922	9.97632	4	15
46	9.50747	37	9.53120	41	0.46880	9.97628	5	14
47	9.50784	37	9.53161	41	0.46839	9.97623	4	13
-	9.50821	37	9.53202	42	0.46798	9.97619	4	12
	9.50858	38	9.53244	41	0.46756	9.97615	5	11
50	9.50896	37	9.53285	42	0.46715	9.97610		10
51	9.50933		9.53327		0.46673	9.97606	4	9
52	9.50970	37	9.53368	41	0.46632	9.97602	4	8
53	9,51007	37	9.53409	41	0.46591	9.97597	5	7
54	9.51043	36	9.53450	41	0.46550	9.97593	4	6
55	9.51080	37	9.53492	42	0.46508	9.97589	4	5
56	9.51117	37	9.53533	41	0.46467	9.97584	5	4
57	9.51154	37	9.53574	41	0.46426	9.97580	4	3
58	9.51191	37	9.53615	41	0.46385	9.97576	4	2
59	9.51227	36	9.53656	41	0.46344	9.97571	5	1
60		37	9.53697	41	0.46303	9.97567	4	0
-	Cos. 71		Cot. 71		Tang. 71	Sin. 71		-

Fig. Sin. 19 D. Cos. 19 D.
0 9.51264 37 9.53697 41 0.46303 9.97567 4 6 6 6 6 6 6 6 6 6
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
2 9.51338 36 9.53779 41 0.46221 9.97558 45 5.5427 67 9.51520 36 9.53864 41 0.46139 9.97555 5.5477 67 9.51520 37 9.53884 41 0.46057 9.97536 5.5428 9.54065 11 9.51666 37 9.51629 37 9.54106 11 9.51666 37 12 9.51702 36 9.54106 12 9.51703 36 9.54106 15 9.51383 36 9.5428 41 0.45834 9.97515 41 9.51666 3.5428 41 0.45834 9.97515 42 9.51704 37 9.54369 9.54369 17 9.51883 36 9.54369 18 9.51953 9.54369 9.54369 9.54369 9.54369 9.54369 9.54369 9.54369 9.54569 9.97492 5.54369 9.54569 9.97492 5.54369 9.54569 9.97488 42 9.54569 9.54569 9.97488 42 9.54569 9.54552 40 0.455488 9.97488 42 9.54528 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97488 42 9.54552 40 0.455488 9.97475 44 9.545488 9.97475 44 9.545488 9.97475 44 9.545488 9.97475 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97488 44 9.545488 9.97478 44 9.545488 9.97488 44 9.545488 9.97488 44 9.54552 9.545
$ \begin{bmatrix} 3 & 9.5 & 1374 & 37 \\ 9.51 & 41 & 37 \\ 9.53 & 81 & 41 \\ 9.53 & 91 & 9.53 & 92 \\ 9.53 & 91 & 9.53 & 92 \\ 9.51 & 9.53 & 92 \\ 9.51 & 9.51 & 9.53 & 93 \\ 9.51 & 9.51 & 9.53 & 93 \\ 9.51 & 9.51 & 9.53 & 93 \\ 9.51 & 9.51 & 9.53 & 93 \\ 11 & 9.51 & 666 & 37 \\ 12 & 9.51 & 73 & 61 \\ 12 & 9.51 & 73 & 61 \\ 13 & 9.51 & 73 & 61 \\ 13 & 9.51 & 73 & 61 \\ 13 & 9.51 & 73 & 61 \\ 15 & 9.51 & 81 & 73 \\ 15 & 9.51 & 81 & 73 \\ 15 & 9.51 & 81 & 73 \\ 17 & 9.51 & 83 & 61 \\ 17 & 9.51 & 83 & 36 \\ 18 & 9.51 & 91 & 9.54 & 9.54 & 9.97 & $
4 9.51411 36 9.53861 9.53861 1 0.46038 9.975505 5 5 5 9.51447 36 9.53902 41 0.46078 9.975505 4 5 7 9.51520 36 9.53984 1 0.46057 9.97536 4 5 8 9.51557 36 9.53984 0.46057 9.97536 5 5 9 9.51562 36 9.54025 0.45975 9.97536 4 5 11 9.51662 36 9.54187 0.45935 9.97523 4 5 12 9.51702 36 36 9.54187 0.45893 9.97519 4 5 13 9.51738 36 9.54360 40 0.45813 9.97510 4 4 9.54380 41 0.45673 9.97510 4 4 14 9.51744 36 9.54360 40 0.45813 9.97510 4 4 16 9.51847 36 9.54360 40 0.45660 9.97497 4 4 17 9.51883 36 9.54350 40 0.45569 9.97498 4 4 18 9.51919 36 9.54512 40 0.45569 9.97498 4 4 20 9.51991 36 9.54512 40 0.45569 9.997
5 9.51447 37 9.53992 41 0.46099 9.97545 4 5 7 9.51520 36 9.53983 41 0.46016 9.97536 5 5 9 9.51593 36 9.54025 41 0.45975 9.97523 4 5 10 9.51626 37 9.54164 41 0.45935 9.97532 4 5 12 9.51626 37 9.54164 41 0.45893 9.97532 4 5 12 9.51626 36 9.54164 41 0.45893 9.97519 4 5 13 9.51738 36 9.54228 41 0.45813 9.97510 4 4 13 9.51813 36 9.54320 40 0.45731 9.97500 5 4 4 17 9.51883 36 9.54350 40 0.45560 9.97492 4 4 4 4 18
$ \begin{bmatrix} 6 \\ 9,51484 \\ 7 \\ 9,51520 \\ 9 \\ 9,51520 \\ 36 \\ 9 \\ 9,51620 \\ 36 \\ 10 \\ 9,51620 \\ 36 \\ 36 \\ 11 \\ 9,51620 \\ 36 \\ 36 \\ 36 \\ 36 \\ 36 \\ 36 \\ 36 \\ 3$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
8 9.51557 36 9.54025 40 0.45935 9.97532 4 5 10 9.51593 36 9.54106 41 0.45894 9.97523 4 5 11 9.51666 37 9.54147 40 0.45813 9.97519 4 44 12 9.51732 36 9.54187 41 0.45813 9.97519 4 44 13 9.51734 36 9.54228 41 0.45813 9.97510 4 44 14 9.51734 36 9.54390 40 0.45619 9.97580 4 44 15 9.51813 36 9.54390 40 0.45610 9.97497 5 44 18 9.51919 36 9.54421 40 0.45529 9.97488 4 4 20 9.51951 36 9.54512 40 0.45529 9.97484 4 4 4 4 4 4 4
9 9.51593 36 9.54166 41 0.45933 9.97528 5 5 10 9.51629 36 36 36 36 36 36 36 3
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
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14 9.51774 37 9.54269 40 0.45731 9.97506 54 15 9.51811 36 9.54390 40 0.45691 9.97497 4 17 9.51883 36 9.54390 41 0.45660 9.97497 4 18 9.51919 36 9.54431 41 0.45569 9.97492 4 20 9.51991 36 9.54471 40 0.45529 9.97488 4 20 9.51991 36 9.54572 41 0.45589 9.97488 4 21 9.52027 36 9.54572 41 0.45488 9.97478 4 4 9.97475 5 43
$ \begin{bmatrix} 159,51811 \\ 9.51847 \\ 189,51919 \\ 9.51953 \\ 199,51991 \\ 209,52027 \end{bmatrix} \begin{bmatrix} 9.54309 \\ 9.54350 \\ 40 \\ 9.54471 \\ 419,54512 \\ 199,54512 \\ 419,54512 \\ 419,54512 \\ 419,54512 \\ 419,4452 \\ 419,44$
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21 9.52027 36 9.54552 41 0.45448 9.97475 39
[22]9.52063[9.54593][0.45407 9.97470][38
23 9.52099 36 9.54633 40 0.45367 9.97466 4 37
24 9.52135 36 9.54673 40 0.45327 9.97461 5 36
25 9.52171 36 9.54714 41 0.45286 9.97457 4 35
26 9.52207 36 9.54754 40 0.45246 9.97453 4 34
27 9.52242 35 9.54794 40 0.45206 9.97448 5 33
28 9.52278 36 9.54835 41 0.45165 9.97444 4 32
29 9.52314 36 9.54875 40 0.45125 9.97439 5 31
30 9.52350 9.54915 0.45085 9.97435 30
Cos. 70 Cot. 70 Tang. 70 Sin. 70.

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/ Sin. 19 D.	Tang. 19	Cot. 19	Cos. 19 D	1/1
20 0 59950	0.54915	0 45095	0 07495	30
31 9.52385 35	0 54055	0 45045	9.97430 5	29
1 32 9.52421	9.54995	0.45005	9.97426 4	28
33 9.52456 35	0 55025	0.44965	9.97421 5	27
34 9 59409 36	0 55075	0 44095	9.97417	26
35 9.52527 35	9.55115	0.44885	9.97412 5	25
36 9,52563 36	0 55155	0.44845	9.97408 4	24
27 0 52500 35	9.55195	0 44905	9.97403 5	23
38 9.52634 36	9.55235	0.44765	9.97399 4	22
39 9.52669 35	9.55275	0.44725	- 5	-
40 0 59705 30	9.55315	0.44685	9.97394 4	21
41 9.52740 35	9.55355	0.44645	9.97385 5	20 19
42 9.52775 35	4	0		-
43 9.52811 36	9.55395	9 0.44605	9.97381	18
44 9.52846 35	9.55474	0.44566	9.91316	17
35	4	0	9.97372 4	16
45 9.52881 35 46 9.52916 35	9.55514	0.44486	9.97367	15
47 9.52951 35	9.55554	9 0.44446	9.97363	14
35	- 4	0.44407	9.97358	13
48 9.52986 35	9.55633	0 0.44367	9.97353	12
49 9.53021 35	9.55673	0.44327	9.97349	11
50 9.53056 36	9.55712	0.44288	9.97344	10
51 9.53092 34	9.55752	0.44248	9.97340 5	9
52 9.53126 25	9.55791	0.44209	9.97335	8
53 9.53161 35	9.55831	9 0.44169	9.97331	7
54 9.53196	9.55870	0.44130	9.97326 5	6
55 9.53231 25	9.55910	0 44000	9.97322 4	5
56 9.53266 35	9.55949	10.44051	9.97317 5	4
57 9.53301	9.55989	0.44011	9.97312 5	3
58 9.53330 24	9.56028 3	10 439791	9.97308 4	2
59 9.58370 95	9.56067	10.439331	9.97303 5	1
60 9.53405 33	9.56107	0.43893	9.97299 4	0
Cos. 70	Cot. 70	Tang. 70	Sin. 70	



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1	5in, 20	D.	Tang. 20	de	Cot. 20	Cos. 20	11
0	9.53405		9.56107	1	0 43802	9.97299	60
1	9.53440	35 35	9.56146	39	0.43854	9 97294 3	59
2	9.53475	100	9,56185	39	0.43815	9.97289 5	58
3	9.53509	34	9.56224	39	0.43776	9.97285	57
4	9.53544	35	9.56264	40	0.43736	9.97280 5	56
5	9.53578	34	9,56303	39	0.43697	9.97276 4	55
6	9.53613	35	9.56342	39	0.43658	9,97271 5	54
7	9.53647	34	9.56381	39	0.43619	9.97266 5	53
8	9.53682	35	9.56420	39	0.43580	9.97262 4	52
0	9.53716	34	9.56459	39	0.43541	9.97257 5	51
	9.53751	35	9.56498	39	0.43502	9.97252 5	50
11	E0000000	34	9.56537	39	0.43463	9.97248 4	49
12	_	34	9.56576	39	0.43424	9,97243 5	48
13	9.53854	35	9.56615	39	0.43385	9.97238 5	47
14	9.53888	34	9,56654	39	0.43346	9.97234 4	46
15	9,53922	34	9.56693	39		5	-
	9.53957	35	9.56732	39	0.43307	9,97229 5	45
17	9.53991	34	9.56771	39	0.43229	9.97220 4	44
18	9.54025	34	9.56810	39	-	5	-
19	9.54059	34	9.56849	39	0.43190	9.97215 5	42
20	9.54093	34	9.56887	38	0.43113	9.97206 4	41
21	9.54127	34	9,56926	39		- 5	-
22	9.54161	34	9.56965	39	0.43074	9.97201	39
23	9.54195	34	9.57004	39	0.43035	9.97196	38
-		34	-	38			37
24	9.54229	34	9.57042	39	0.42958	9.97187	36
26	9.54297	34	9.57081 9.57120	39	0.42919	4	35
-		34	-	38		9.97178	34
27 28	9.54331	34	9.57158	39	0.42842	9.97173	33
29	9.54399	34	9,57197	38	0.42803	9.94100	32
30	9.54433	34	9.57235	39	0.42765	3.31100	31
-	Cos. 69		Cot. 69		0.42726	9.97159 * Sin. 69	30
-	0000 03 1	-	Oint. 09		Tang. 69	51n, 69 1	-

/ Siu. 20 T	Tang. 20 d	Cot. 20	Cos. 20	11
30 9.54433	0 57974	0 49796	9.97159 D	30
31 9.54466 3	0 57210 3	0 Ancho	9.97154 5	29
1 3219.54500	19.57351	0.42640	9.97149 5	28
33 9.54534	0 57390	0 49611	9.97145 4	27
34 9.54567 3	19 57499	0 49579	9.97140 5	26
13519.54601	9.57466	0.42534	9.97135 5	25
36 9.54635	9 57504	0 49406	9.97130 5	24
37 9.54668	9.57543	0 49457	9.97126 4	23
38 9.54702	9.57581	0.42419	9.97121 5	22
39 9.54735	9 57619	0 49991	9,97116	21
40 0 54760 3	9 57658 39	0 49249	9.97111 5	20
41 9.54802 3	9.57696	0.42304	9.97107 4	19
42 9.54836	9.57734	0 49966	9.97102 5	18
43 9 54869 36	9 57779 38	0 49990	9.97097 5	17
44 9.54903	9.57810	0.42190	9.97092 5	16
45 9,54936 33	0 57940	0.49151	9.97087 5	-
46 9 54969 38	9.57887 38	0 42112	9.97083 4	15
47 9.55003 34	9.57925 38	0.42075	9.97078 5	13
48 9,55036 33	0 57063	0.42037	9.97073 5	-
49 9.55069 33	9.58001 38	0.41999	9.97068 5	12
50 9.55102 33	9.58030 38	0.41961	9.97063 5	10
51 9.55136 34	9 58077 38	0.41923	- 4	-
52 9.55169 33	9.58115 38	0.41928	9.97059 5	9
53 9.55202 38	9.58153 38	0.41847	9.97049 5	8
54 9.55235 33	9.58191 38	0.41809	- 5	_
55 9.55268 33	0 58990 38	0.41771	9.97044 5	6
56 9,55301 33	9.58267 38	0.41733	9.97039 4	5
57 9.55334 33	9.58304 37		5	_
58 9 55367 33	9.58342 38	A Company of the Comp	9.97030	3
59 9.55400 33	9.58380 38		9.97025 5	2
60 9.55433 33	9.58418 38		9.97015 5	0
Cos. 69	Cot. 69	Tang. 69	Sin. 69	-
		8. 0911	0111.09 . 1	_

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1	Sin. 21	D.	Tang. 21	del-	Cot. 21	Cos. 21	D.	_
0	0 55433	- 1	0 50419	1	0.41582	9.97015		60
1	9.55466	33	0 58455	37	0.41545	9.97010	5	59
2	9.55499		9.58493	38	0.41507	9.97005	5	58
3	9.55532	22	0 50521	38	0.41469	9.97001	4	57
4	9.55564		O EGERO	38	0.41431		5	56
5	9.55597		9.58606		0.41394		5	55
-		33		381	0.41356		5	54
6	9.55630	33	9.58644		0.41319		5	53
7	9.55663	32	9.58719		0.41281	9.96976	5	52
8		33	-	28			5	51
9		33	9.58757		0.41243	9.96971	5	50
10	9.55701	32	9.58794		0.41206	9.96962	4	49
11		33	9.58832	37			5	-
12		32	9.58869	38	0.41131	5.96957	5	48
13	9,55858	33	9.58907	37	0.41093	9.96952	5	46
14	9.55891	32	9,58944	37	0.41056	9.96947	5	-
15	9.55923	1	9.58981	38	0.41019	9.96942	5	45
16	9,55956	33	9.59019	37	0.40981	9.96937	5	44
17	9.55988		9.59056	38	0.40944	9.96932	5	43
18	9.56021	33	9.59094	37	0.40906	9.96927	6	42
19	9.56053	32	9.59131	37	0.40869	9.96922	5	41
20	9.56085	32	9.59168		0.40832	9.96917		40
21	9.56118	33	9.59205	37	0.40795	9.96912	5	39
22		32	9.59243	38	0.40757	9.96907	5	38
23		32	9.59280	37	0.40720	9,96903	4	37
24		33	9.59317	37	0.40683	9,96898	5	36
25		32	9.59354	37	0.40646		5	35
26		32	9.59391	37	0.40609	9.96888	5	34
-		32	9.59429	38	0.40571	9.96883	5	33
27	9.56343	32	9.59429	37	0.40534		5	32
	9.56375	32	9.59503	37	0.40497	9.96873	5	31
30		33	9.59540	37	0.40460			30
30	Cos. 68		Cot, 68		Tang. 68		1	1-
1	1 000 08	•	11 001, 00		1 - ang. 00	50 50	<u>.</u>	

/ Sin, 21	Tang. 21	1 Cot. 21	1 Cos. 21 1	
D.		d c	I	
30 9.56408 32	9.59540	37 0.40460	9.96868	30
31 9.56440 32	9.59577	37 0.40423	9.90803	29
32 9.56472 32	9.59614	37 0.40386	9.96858 5	28
33 9.56504 32	0 50651	37 0.40349	9.96853	27
34 9.56536 39	0 50688	37 0.40312	9.96848 5	26
35 9.56568 31	9.59725	37 0.40275	19.90843	25
36 9.56599 32	0 50769	37 0.40238	9.96838 5	24
37 9.56631 32	9 50700	36 0.40201	9.96833 5	23
38 9.56663	9.598351	0.40165	9.96828 5	22
39 9.56695	0.50879	37 0.40128	9.96823 5	21
40 9.56727 32	0.50000	31 0 40001	9.96818 5	20
4119.56759	9.599461	0.40054	9.96813 5	19
42 9.56790 31	0 50002	37 0.40017	9.96808 5	18
49 0 56899 32	0 60010	30 0 20001	9.96803 5	17
44 9.56854 32	9.60056	37 0.39944	9.96798 5	16
45 9.56886 32	0 60003	37 0.39907	9.96793 5	15
46 9 56917 31	0 60120	37 0 20270	9.96788 5	14
47 9.56949 32	9.60166	0.39834	9.96783 5	13
48 9.56980 31	9 60203	37 0 39797	9.96778 5	12
49 9.57012 32	0 60940	31 0 20760	9.96772 6	11
50 9.57044 32	9.60276	0.39724	9.96767 5	10
51 9.57075 31	0.60212	37 0 20597	9.96769 5	9
59 9.57107 32	0 60340	30 0 30651	9.96757 5	8
53 9.57138 31	9.60386	0.39614	9.96752 5	7
54 9.57169 31	9.60422	36 0.39578	9.96747 5	6
55 9.57201 32	9.60422	37 0.39541	9.96742 5	5
56 9.57232 31	9.60495	36 0.39505	9.96737 5	4
32		37	9.96732 5	3
57 9.57264 31	9.60532	36 0.39468	9.96727 5	2
59 9.57326 31	0 60605	37 0 30305	9 96729 5	11
60 9.57358 32	9.60641	36 0.39359	9.96717 5	0
Cus. 68	Cot. 68	Tang. 68		-
1 Cus. 68 1	Cut. 08 1	1 Lang. 08	II 9111. 08 1	1

	5in. 22	1	Tang. 22		Cot. 22	Cos. 22		1.
=	-	D.		d c		-	D.	=
U	9.57358	31	9.60641	36	0.39359	9.96717	6	60
1	9.57389	31	9.60677	37	0.39323	9.96711	5	59
2	9.57420	31	9.60714	36	0.39286	9.96706	5	58
3	9.57451		9.60750		0.39250	9.96701	3	57
4	9.57482	31	9.60786	36	0.39214	9.96696	5	56
5	9.57514	32	9.60823	37	0.39177	9.96691	7	55
6	9.57545	31	9.60859	36	0.39141	9.96686	5	54
7	9.57576	31	9.60895	36	0.39105	9.96681	5	53
8	9.57607	31	9.60931	36	0.39069	9.96676	5	52
9	9.57638	31	9.60967	36	0.39033		6	-
10	9.57669	31	9.61004	37	0.39033	9.96670	5	51
11	9.57700	31	9.61044	36		10.000	5	50
-	-	31		36	0.38960	9.96660	5	49
12	9.57731	31	9.61076	36	0.38924	9.96655	5	48
13	9.57762	31	9.61112	36	0.38888	9.96650	5	47
14	9.57793	31	9.61148	36	0.38852	9.96645	5	46
15	9.57824	31	9.61184	36	9.38816	9.96640	6	45
16	9.57855	30	9.61220	36	0.38780	9.96634	5	44
17	9.57885	31	9.61256	36	0.38744	9,96629	5	43
18	9.57916	31	9.61292	-	0.38708	9.96624	0	42
19	9.57947	31	9.61328	36	0.38672	9.96619	9	41
20	9.57978		9.61364	36	0.38636	9.96614	5	40
21	9.58008	30	9.61400	36	0.38600	9.96608	6	39
22	9.58039	31	9.61436	36	0.38564	9.96603	5	38
23	9.58076	31	9.61472	36	0.38528	9.96598	5	37
24	9,58101	31	9.61508	36	0.38492	9.96593	5	36
25	9.58131	30	9.61544	36	0.38456	9,96588	5	35
26	9.58162	31	9.61579	35	0.38421	9.96582	6	34
27	9.58192	30	9.61615	36	0.38385	9.96577	5	33
28	9.58223	31	9.61651	36	0.38349	9.96572	5	32
29	9.58253	30	9.61687	36	0.38313	9.96567	5	31
80		31	9.61722	35	0.38278	9.96562	5	30
-	Cos. 67		Cot. 67		Tang. 67	Sin. 67		-
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/ Sin.	22 D.	Tang. 22	d c Cot	. 22 Cos. :	22 0 /
30 9.58		9.61722	36 0.38	278 9.965	69 20
31 9.58	314 31	9.61758	36 0.38		56 6 29
32 9.58	345	9.61794	0.39	206 9.965	51 5 28
33 9.58	375 30	9.61830	36 0.38	170 9.965	46 5 27
34 9.58	406 31	9.61865	35 0.38		41 5 26
35 9.58	436	9.61901	0.38	099 9.965	35 25
36 9.58	467 31	9.61936	35 0.38	064 9.965	- 5 -
37 9.58	497 30	9.61972	36 0.38		95 5 28
38 9.58	527	9.62008	36 0.37	992 9.965	20 5 22
39 9.58	557 30	9.62043	35 0.37	957 9.965	- 6 -
40 9.58	588 31	9.62079	30 0 27		00 5 20
41 9.58	618	9.62114	35 0.37		04 5 19
42 9.58	648 30	9.62150	36 0.37	850 9.964	98 6 18
43 9.58	678 30	9.62185	35 0 37		93 5 17
44 9.58	709 31	9.62221	36 0.37	779 9.964	
45 9.58	739 30	9.62256	35 0.37	744 9.964	83 5 15
46 9.58	760 30	9.62292	36 0.37		
47 9.58	799 30	9.42327	35 0.37		
48 9.58	829 30	9.62362	35 0.37		- 5 -
49 9.58	859 30	9.62398	36 0.37		- 6
50 9.58		9.62433	35 0.37		
51 9.58	919 30	9.62468	35 0.37	532 9.964	51 5 9
52 9.58	949 30	9.62504	36 0 37		
53 9.58	979 30	9.62539	35 0.37		
54 9.59	009 30	9.62574	35 0.37	426 9.964	5 -
55 9.59	039 30	9.62609	35 0 37		
56 9.59	069 30	9.62645	36 0.37		
57 9.59	098 29	9.62680	35 0.37	320 9.964	19 5 3
58 9.59	128 30	9.62715	35 0 27		13 6 2
59 9.59	158 30	9.62750	35 0 37		08 5 1
60 9.59	188 30	9.62785	35 0.37		
Cos.	67	Cot. 67	Tung	5. 67 Sin. 6	7 -
Manager 1		~			

	1 101		. m			0 00	-	7
1	Sin. 23	D.	Tang. 23	de	Cot. 23	Cos. 23	D.	_
0	9.59188		9.62785		0.37215	9.96403	1	60
1	9.59218	30 29	9.62820	35	0.37180	9.99394	5	59
2	9.59247		9.62855	35	0.37145	9.90392	5	58
3	9.59277	30	9.62890	35	0.37110	9.96387	5	57
4	9.59307	30	9.62926	36	0.37074	9.96381	5	56
5	9.59336	29	9.62961	35	0.37039	9.96376		55
6	9.59366	30	9.62996	35	0.37004	9.96370	5	54
7	9.59396	30	9.63031	35	0.36969	9.96365		53
8	9.59425	29	9.63066	35	0.36934	9.96360		52
9	9.59455	30		35	0.36899		5 I-	51
10	9.59455	29	9.63101	34	0.36865	9.96349		50
11	9.59514	30	9.63170	35	0.36830	9.96343	2 1	49
-		29		35			5 1	_
12	9.59543	30	9.63205	35	0.36795	9.96338		48
13	9.59573	29	9.63240	35	0.36760	9.96333		47 46
14	9.59602	30	9.63275	35			ς Ι.	
15	9.59632	29	9.63310	35	0.36690	9.96322		45
16	9.59661	29	9.63345	34	0.36655	9.90310		44
17	9.59690	30	9.63379	35	0.36621	9.96311		43
18	9.59720	29	9.63414	35	0.36586	9.96305		42
19	9.59749	29	9.63449	35	0.36551	3.30200	2	41
20	9.59778	30	9.63484	1000	0.36516	9.90294	1	40
21	9.59808	29	9.63519	35	0.36481	9.962891	5	39
22	9.59837	29	9.63553	34	0.36447	9.90284	5	38
23	9.59866		9.63588	35	0.36412	9.90278		37
24	9.59895	29	9,63623	35	0.36377	9.96273	5	36
25	9.59924	29	9.63657	34	0.36343	9.96267	5	35
26	9.59954	30	9,63692	35	0.36308	9.90202	5	34
27	9.59983	29	9.63726	34	0.36274	9.96256	5	33
28	9.60012	29	9.63761	35	0.36239	9.96251	5	32
29	9.60041	29	9.63796	35	0.36204	9.96245	5	31
30	9.60070	29	9.63830	34	0.36170	9.96240	5 1	30
-	Cos. 66		Cot. 66		Tang. 66	'Sin. 66	1	

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1	Sin. 23	D.	Tang. 23	de	Cot. 23	Cos. 23	D.	1
30		29	9.63830		0.36170	9.96240	-	30
31	9,60099	29	9.63865	35	0.36135	9.96234	6	29
35	9.60128	29	9.63899	34	0.36101	9.96229	5	28
33	9.60157	29	9.63934	35	0.36066	9.96223	6	27
34	DIGOTOO	29	9.63968	34	0.36032	9.96218	5	26
35	9.60215	29	9.64003	35	0.35997	9.96212	6	25
36	9.60244	29	9.64037	34	0.35963	9.96207	5	24
37		29	9.64072	35	0.35928	9.96201	6	23
38	9.60302	29	9.64106	34	0.35894	9.96196	5	22
39	10.00001	28	9.64140	34	0.35860	9.96190	6	21
40	0.00000	29	9.64175	35	0.35825	9.96185	5	20
41	0100000	29	9.64209	0.00	0.35791	9.96179	6	19
	9.60417	29	9.64243	34	0.35757	9.96174	5	18
	9.60446	28	9.64278	35	0.35722	9.96168	6	17
4.4		29	9.64312	15.5	0.35688	9.96162	(5)	16
45		29	9.64346	34	0.35654	9.96157	5	15
46		29	9.64381	35 34	0.35619	9.96151	5	14
47		28	9.64415	34	0.35585	9.96146	6	13
	9.60589	29	9.64449	34	0.35551	9.96140	7	12
49	10.00.00	28	9.64483	34	0.35517	9.96135	6	11
50		29	9.64517	35	0.35483	9.96129	6	10
51	9.60675	29	9.64552	34	0.35448	9.96123	5	9
52	9.60704	28	9.64586	34	0.35414	9.90118	6	8
53	9.60732	29	9.64620	34	0.35380	9.90112	5	7
54	9.60761	28	9.64654	34	0.35346	9.96107	6	6
55	9.60789	29	9.64688	34	0.35312	9.96101	6	5
56	9.00818	28	9.64722	34	0.35278	9.90095	5	4
57	9.60846	29	9.64756	24	0.35244	9.96090	0.4	3
58	3.00815	28	9.64790	24	0.35210	9.90084	5	2
59 60	3.00903	98	9.04824	24	0.35176	9.90019	6	1
00	9.60931	- 11	9.04838		0.35142	9.90073	-	0
	Cos. 66	11	Cot. 66		Tang. 66	Sin. 66		

1 Sin. 24	Tang. 24 ,	Col. 24	Cos. 24	17
0 9.60931 D	9.64858		D	60
1 9.60960 29	9.64892	0.35142	9.96067 6	59
2 9.60988 28	9.64926	0.35074	9.96062 5	58
- 28	- 3	1	- 6	-
3 9.61016 29	9.64960 3	0.35040	9.96056 6	57
4 9.01045 00	9.04994 2	0.35006	9.96050 5	56
3 9.01013	9.05028	0.34972	9.96045 6	55
6 9.61101	9.65062	0.34938	9.96039	54
19.01129 90	9.65096	0.34904	9.96034	53
8 9.61158 28	9.05130	10.34870	9.96028 6	52
9 9.61186	0 65164	0 94096	9.96022 5	51
10 9.01214	9.65197	0 34803	9.96017 6	50
11 9.61242 28	19.652311	10.34769	9.96011	49
129.61270	9.65265	0 24735	9.96005 6	43
13 9.61298 28	9.65299	10 24701	9.96000 6	47
14 9.01320	9.65333	10.34667	9.95994	46
15 9.61354 28	9.65366	0 24624	9.95988	45
16 9.61382 28	9.65400	THE STREET	9.95982	44
17 9.61411 29	9.00434	0.34566	9.95977 5	43
18 9.61438 27	9.65467	0 24522	9.95971 6	42
19 9.61466 28	9.65501 3	0 24400	9.95965 6	41
20 9.61494 28	9.95535	0.34465	9.95960 5	40
21 9.61522 28	0 65568	0 24429	9.95954 6	39
22 9.61550 28	0.65602 3	0 34300	9.95948 6	38
23 9.61578 28	9,65636 3	0.34364	9.95942 6	37
24 9,61606 28		0.34331	- 5	-
25 9.61634 28	9.65703	0.34331	9.95937 6	36
26 9.61662 28	9.65736	0.34264	9.95931 6	34
	3	4	5	
28 9.61717 28	9.65770 3	3 0.34230	9.95920 6	33
29 9.61745 28	9.65803	0.34197	9.95914	32
30 9.61773 2	9.05831 2	0.34163	9.95908	31
Cos. 65	9.65870	0.34130	9.95902	30
1 Cos. 65	Cot. 65	Tang. 65	Sin. 65	1

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1	Sin. 24	D.	Tang. 24	d	Cot. 24	Cos. 24	D	1
3	9.61773	1	9.65876)	0.34130	0 05002	31	30
3	1 9.61800	27	9.65904	34	0.34096	0 05807	5	29
3	2 9.61828	28	9.65937		0.34063	9.95891	6	28
3	9.61856	28	9,65971	34	0 34020	0.05885	6	27
34	9.61883	27	9.66004	33	0.33996		6	26
3	9.61911	28	9.66038	34	0.33962		6	25
30	9.61939	28	9.66071	33	0.33929	9.95868		24
3		27	9.66104	33	0.33896	0.05060		23
38	9.61994	28	9.66138	34	0.33862	0.05956	,	22
39	9.62021	27	9.66171	33	0.33829	0.05050	1	21
40		28	9.66204	33	0.33796	0.05044	, 1	20
41		27	9.66238		0.33762	9.95839	١,	19
42	9.62104	28	9.66271	33	0.33729	9.95833	5	18
	9.62131	27	9.66304	33	0.33696	O OFOR		17
44		28	9.66337	33	0.33663	9.95821 6	,	16
45	-	27		34			1	_
46		28	9.66371	33	0.33629	9.95815		15
47		27	9.66437	33	0.33596	9.95810 6		14
48		27		33		9.95804		13
49	1-1	28	9.66470	33	0.33530	9.95798 6		12
50	10.0000	27	9.66503	34	0.33497	9.95792 6		11
-		27	9.66537	33	0.33463	9.95786		10
51	9.62350	27	9.66570	33	0.33430	9.95780 5		9
52	3.02311	28	9.66603	33	0.33397	9.95775 6		8
53	9.02405	27	9.66636	33	0.33364	9.95769 6		7
54	9.62432	27	9.66669	33	0.33331	9.95763 6	1	6
55	9.02409	27	9.66702	33	0.33298	9.95757		5
56	9.02480	27	9.001351	33	0.33265	9.95751 6		4
57	9.62513	- 11	9 66768	33	0.33232	9.95745	1	3
58	9.02041	28	0 66801	33	0.33199	9.95739 6		2
59	9.02508	27	9.66834	33	0.33166	9.95733 6		1
6.0	9.02393		9.66867	3.5	0.33133	9.95728 5	1	0
77	Cos. 65	11	Cut. 05	- 1	Tang 65	Sin. 65	1	

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Sin. 25 D.	Tang. 25 d c	Cot. 25	Cos. 25 D.	-
a corne	9,66867	0.33133	9.95728 6	60
10 00000 21	9.66900 33	0.33100	9.95722 6	59
9 9 69649 21	0 66933	0.33067	9.95716	58
27	9.66966	0.33034	0 05710	57
. 0 60702 21	a scana 33	0.33001	0.05704	56
4 9.62703 27 5 9.62730 27	9.67032 33	0.32968	9.95698	55
	33		9.95692	54
6 9.62757 27	9.67065 33	0.32935	0.05606	53
7 9.62784 27	9.67098 33	0.32902	9.95680 6	52
8 9.62811 27	9.67131 32			-
9 9.62838 27	9.67163 33	0.32837	9.95674 6	51
10 9.62865 27	9.67196 33	0.32804	9.95668 5	50
11 9.62892 26	9.67229 33	10.32441	9.95663	49
12 9.62918 27	9.67262 33	0 39738	9.95657 6	48
13 9.62945 27	9.67295 32	10 22705	9.95651 6	47
114 9 62972	9.67327 33	0.32673	9.95645	46
15 9.62999 27	0 67260	0 32640	0.05639	45
18 0 62096 4	0 67909 30	10 29607	9.95633 6	44
17 9 63052 20	9.67426	10.32574	9.95627	43
18 9.63079 27	9.67458	0 20549	9.95621	42
10 0 62106 21	0 07401 3	0 20500	0 05615	14.11
20 9.63133 27	9 67524	0.32476	0.95609	140
- - 26	0 67556 3	0 29444	0.05603	39
21 9.63159 27	9.67589 3	0.32411	0 05507	38
22 9.63186 27	9.67622	0.32378	9.95591	37
23 9.63213 26	3	2	16	36
24 9.63239 27	9.67654	0.32346	9.95585	35
25 9.63266 26	9.01081 3	0.32313	9.95579	34
26 9.63292 27	9.67719	3 0.32281	16	_
27 9.63319 26	9.67752	0.32248		33
28 9.63345 27	9.67785	0.32215	9.95561	32
29 9.63372 26	9.67817	3 0.32183	9.95555	31
30 9.63398 20	9.67850	0.32150	9.95549	30
Cos. 64	Cot. 64	Tang. 64	Sin. 64	1

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/ Sin. 25 D Tang. 25 d Cot. 25 Cos. 25 L	11
30 9.63398 - 9.67850 0.32150 9.95540	30
31 9.63425 2 9.67882 32 0.32118 9 95543 6	29
32 9.63451 9.67915 0.32085 9.95537	28
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	27
34 9.63504 20 9.67980 33 0.32020 9.95525 6	26
35 9.63531 4 9.68012 32 0.31988 9 95519 6	25
36 9 63557 20 9 69044 32 9 31956 9 65519 6	24
37 9.63583 26 9.68077 33 0.31923 9.95507 6	23
38 9.63610 27 9.65109 32 0.31891 9.95500 7	22
26 33 33 66	_
40 9 63662 26 9 68174 32 0 21926 0 05420 6	21
41 9.63689 27 9.68206 32 0.31794 9.95489 6	20 19
26 33 6	-
43 9 63741 26 9 69971 32 0 21720 0 07470 6	18
44 9.63767 26 9.68303 32 0.31697 9.95464 6	17
27 33 33 33 33 3 6.51551 3.93464 6	_
26 3.0000 39 0.01004 9.93438 8	15
12 0 22 - 26 26 32 32 33 43 2 6	14
26 333440 6	13
9.03812 26 9.08432 33 0.31568 9.95440	12
26 3.03030 26 3.03403 32 0.31535 9.95434	11
30 3.03 24 26 3.03 491 32 0.31503 9.95427 6	10
31 9.03950 26 9.08529 32 0.31471 9.95421 6	9
32 9.03970 26 9.08501 32 0.31439 9.95415 6	8
26 9.08593 33 0.31407 9.95409	7
54 9.64028 26 9.68626 20 0.31374 9.95403	6
35 9.04034 26 9.08038 39 0.31342 9.95397 6	5
9.04080 9.68690 0.31310 9.95391	4
57 9.64106 9.68722 0.31278 9.95384	3
38 9.04132 26 9.68754 29 0.31246 9.95378	2
39 9.04138 96 9.08780 30 0.31214 9.95372	1
9.68818 0.31182 9.95366	0
Cos. 64 Cot. 64 Tang. 64 Sin. 64	

			1000		_	-
/ Sin. 26	D. Tang.	26 de	Cot. 26	Cos. 26	D.	1
0 0 04104	26 9.688		0.31182	9.95366	6	60
10 64010	26 9.688	350 32	0.31150	9.95360	6	59
9 9 64936	19.688	182	0.31118	9.95354	6	58
2 0 64969	26 9.689	114 32	0.31086	9.95348	7	57
4 0 64900	20 0 600		0.31054	9.95341	C	56
5 9.64313	25 9.689	178	0.31022	9.95335	0	55
6 0 64990	26 9,690	110 32	0.30990	9.95329	6	54
7 0 64265	20 0 600	149 32	0.30958	9.95323	6	53
8 9.64391	9,690	74 32	0.30926	9.95317	6	52
0 0 64417	26 9.691	06 32	0.30894	9.95310	7	51
10 0 04449	25 0 601	20 32	0.30862	9.95304	6	50
11 9.64468	26 9.691	70 32	0,30830	9.95298	6	49
19 0 64404	26 9.69	202 32	0.30798	9.95292	6	48
13 9.64519	25 0 60	32	0.30766	9,95286	6	47
14 9.64545	20 9.695	066 32	0.30734	9.95279		46
15 0 64571	26 0 605	32	0.30702	9,95273	6	45
16 9.64596	25 0 605	200 31	0.30671	9.95267	6	44
17 9,64622	9.69	161 32	0.30639	9.95261	6	43
18 9.64647	25 9.69	32	0.30607	9.95254	7	42
19 9.64673	20 0 60	105 32	0.30575	9.95248	6	41
20 9,64698	25 9.694	157 32	0.30543	9.95242	6	40
21 9.64724	26 0 60	31	0.30512	9,95236	6	39
22 9.64749	20 0 60	00 04	0 20400	9.95229	7	38
23 9.64775	9.69	552 32	0.30448	9,95223	6	37
24 9.64800	25 0 60	32	0.30416	9.95217	6	36
25 9.64826	20 0 60	615 31	0.30385	9.95211	6	35
26 9.64851	25 9.69	647 32	0.30353	9.95204	7	34
27 9.64877	26 0 60	32	0.30321	9.95198	6	33
28 9.64902	25 0 60	710 31	0.30290	9.95192	6	32
29 9.64927	25 9 69	749 32	0 30958	9.95185	7	31
30 9.64953	26 9.69	12.9	0.30226	9.95179	6	30
Cos. 63	Cot		Tang. 63	Sin. 63	91"	-
			6	11		

F			-	-		_		_	
	/ Sin. 26	-D.	Tang. 26	de	Cot. 26	Co	s. 26	1_	11
3	0 9.64953	1	9.69774		0,3022	= =	_	D	-
11 5	1 9.64978	25	9.69805	31	0.30193		5179	16	30
3	2 4.65003	100	9.69837		0,3016		5173	6	29
-	3 9.65029	26	_	131	-	-	5167	7	28
11	4 9.65054	19 K	9.69868		0.30133	11 - 40	5160	R	27
1	5 9.65079	13 K	9.69900		0.30100	11	5154	6	26
1=		25	-	31	0.30068	9.9	5148	1	25
3		26	9.69963	32	0.30037	9.9	5141	7	24
	7 9.65130	25	9.69995	31	0.30005		5135	6	23
3	8 9.65155	25	9.70026	32	0.29974	9.9	5129	6	22
3		25	9.70058		0.29942	9.9	5122	7	21
4		25	9.70089	31	0.29911		5116	6	20
4	1 9.65230	1	9.70121		0.29879		5110	6,	19
4	9.65255	25	9.70152	31	0.29848	0 0	5103	7	18
4	9.65281	26	9.70184	34	0.29816		5097	6.	17
44	9.65306	25	9.70215	31	0.29785		5090	7	16
4	9.65331	25	9.70247	32	0.29753	-		6	-
-	9.65356	25	9.70278	311	0.29722		5084	6	15
47			9.70309	311	0.29691	9.9		7	14
AC	9.65406	25		32b		9.93		6	13
	9.65431		9.70341		0.29659	9.95	065	6	12
	9.65456		9.70372		0.29628	9.95	059	7	11
-		25	9.70404	31	29596	9.95	052	5	10
51	THE PERMIT		9.70435		.29565	9.95	046	-	9
	9.00000	25	9.70466	39	.29534	9.95	039		8
93	110000.6	25	9.10498	31	.29502	9.95			7
	9.65556	24	9 70590		.29471	9.95	027		6
	9.00080	25			.29440	9.95	020		5
56	19.00000	113	9.40092	32	.29408	9.95	014		4
57	19.656301	25	9.70623	31 0	.29377	9.95	007	4	3
58		25 6	70654	110	.29346	9.95			2
59	19.00080	25	70685	110	.29315	9.94	995 6		1
60	9,65705	25	.70717	(2)	.29283	9.94			â
	Cos. 63	1	Cot. 63	17	ang. 63	Sin.		-	-I

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1	Sin. 27	D	Tang. 27	cl-	Cot. 27	Cos. 27	D.	_
0	0 65705		0 70717	1	0.29283	9.94988		60
1	0 65790	24	0 70748	11	0.29252	9.94982	6	59
2	9.65754		9.70779		0.29221	9.94975		58
-		2.5		115	0.29190	9.94969	6	57
3	9.65779	9.511	9.70810		0.29159	9.94962	7	56
4	9.65804		9.70841	2.03	0.29139	9.94956	6	55
5	9.65828	2.5		11			7	54
6	9.65853	25	9.70904	115	0.29096	9.94949	6	
7	9.65818	24	9.70935	115	0.29065	9.94943	7	53
8	19.059021	25	9.70966	31	0.29034	9.94936	6	52
9	9.65927	- 11	0 70007	31	0.29003	9.94930	7	51
10	9.65952	25	0 71028	31	0.28972	9.94923	6	50
11	9.65976	24	9.710591	31	0.28941	9.94917	6	49
12	9.66001	25	0 71000		0.28910	9.94911	7	48
13		24	0 71191	31	0.28879	9.94904	6	47
14		25	9.71153	32	0.28847	9.94898		46
-		25	0.71194	31	0.28816	9.94891	7	45
15		24	0 71915	31	0.28785	9.94885	6	44
17		25	9.71246	31	0.28754	9.94878		43
-		24	-	31	0.28723	9.94871	17	42
18		25	9.71277	31	0.28123	9.94865		41
15		24	9.71308	31	0.28661	9.94858		40
20	9.66197	24	9.71339	31			-16	-
21		25	9.71370	31	0.28630	9.94852		39
22		24	9.71401	30	0.28599	9.94845		38
23	9,66270		9.71431	31	0.28569	9.94839	-17	37
24	9.66295	25	9.71462		0.28538	9.94832	E	36
2	9.66319	24	9.71493	31	0.28507	9.94826		85
20	9.66343	24	9.71524	-	0.28476	9.94819	6	34
2	9.66368	25	9.71555	31	0.28445	9.94813	3 2	33
2		24	9.71586	31	0.28414	I have been been been been been been been be	5 4	32
2		24	9,71617	31	0.28383	9.94799	1	31
3		25	9.71648	31	0.28352	9.94793	3 0	30
1-	Cos. 62	1	Cot. 62		Tang. 62	Sin. 62	1	1-
	1 0			_			_	

/ Sin. 27 D.	Tang. 27 d Cot. 27	Cos. 27 D.
30 9.66441	9.71648 0.28352	0.04702 20
31 9.66465 24	9.71679 31 0.28321	0 04796 7 20
32 9.66489 24	9.11109 0.28291	9.94780 28
33 9.66513 24	9 71740 0 28260	0 04772 7 27
34 9.66537 24	9.71771 31 0.28220	0 04767 6 98
35 9.66562 25	9.71802 31 0.28198	
36 9.66586 24	31	7 -
37 9.66610 24	9.71833 30 0.28167	
38 9.66634 24	9.71894 31 0.28106	
94	31	6 -
39 9.66658 24	9.71925 30 0.28075	1 1
40 9.66682 24	9.71955 31 0.28045	11
- 95	9.71986 31 0.28014	6 -
42 9.66731	9.72017 31 0.27983	
49 9.00199 94	9.72048 20 0.27952	9.94707 7 17
44 9.66779 24	9.72078 31 0.27922	9.94700 6 16
45 9.66803	9.72109 31 0.27891	0.94694 115
46 9.66827 24	9.72140 30 0.27860	9.94687 7 14
116800851	9.72170 0.27830	
48 9.66875	9.72201 31 0.27799	9.94674 6 12
49 9.66899 24	9.72231 30 0.27769	9.94667 111
50 9.66922 23	9.72262 31 0.27738	
51 9.66946 24	9.72293 31 0.27707	9.94654 6 9
52 9 66970 24	9.72323 30 0 27677	9.94647 7 8
53 9,66994 24	9.72354 31 0.27646	9.94640 7 7
54 9.67018 24	9.72384 30 0.27616	9.94634 6 6
55 9 67049 24	9.72415 31 0.27585	9.94627 7 5
56 9.67066 24	9.72445 30 0.27555	9.94620 7 4
57 9.67090 24	31	6 -
58 9.67113 23	9.72476 30 0.27524 9.72506 0.27494	9.94614 7 3
59 9.67137 24	9.72537 31 0.27463	9.94607 7 2
60 9.67161 24	9.72567 30 0.27433	9.94600 7 1
Gos. 62	7.1	
Cos. 62	Cot. 62 Tang. 62	Sin. 62

December 2	-							
1 9.67185 24 9.72598 30 0.27402 9.94587 7 58 2 9.67236 24 9.72689 31 0.27312 9.94587 6 5 5 5 6 9.67266 24 9.72689 31 0.27311 9.94560 7 5 5 5 6 9.67330 24 9.72720 30 0.27220 9.94560 7 5 5 5 8 9.67336 24 9.72780 30 0.271220 9.94560 7 5 5 5 5 6 9.67334 9.72881 30 0.271280 9.94546 6 5 2 9.72881 30 0.271289 9.94546 6 5 2 9.72881 30 0.271289 9.94546 6 5 2 9.72881 30 0.271289 9.94533 7 5 6 4 9.72841 30 0.27088 9.94551 7 5 6 2	/ Si	n. 28 D.	Tang. 28	d e	Cot. 28	Cos. 28	D.	1
1 9.67185 23 9.72598 30 0.27402 9.94587 7 58 2 9.67230 24 9.72628 30 0.27311 9.94567 6 55 5 9.67230 24 9.72689 30 0.27311 9.94567 6 75 5 9.67303 24 9.72720 30 0.27250 9.94550 7 75 7 9.67327 23 9.72780 30 0.27250 9.94550 7 75 9 9.67374 24 9.72881 30 0.27125 9.994530 7 75 9 9.67374 24 9.72881 30 0.27128 9.94546 6 52 9 9.67344 24 9.72841 30 0.27128 9.94554 6 65 11 9.67445 24 9.72841 30 0.27128 9.94554 6 75 12 9.67445 24 9.72902 30 0.27068 9.94551 9 75 13 9.67445 24 9.72903 30 0.27068 9.9451 3 75 14 9.67495 24 9.73084 31 0.27068 9.9451 3 74 15 9.67516 24 9.73084 31 0.26946 9.9449 7 74 19 9.67692 24 9.73114 30	0 9.6	7161	9.72567		0.27433	9.94593		60
2 9.67208 24 9.72628 31 0.273312 9.94580 7 5 7 5 7 5 7 5 7 5 7 5 7 7 9.94580 7 7 5 7 7 9.94570 6 7 5 7 5 7 7 9.72720 30 0.27220 9.94560 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 5 5 7 7 9.94560 7 7 7 9.94526 7 7 1			9.72598		0.27402	9.94587		59
3 9.67232 24 9.72659 30 0.27341 9.94567 6 5 5 6 567280 24 9.72659 30 0.27341 9.94567 7 5 5 6 9.67303 23 9.72750 30 0.27280 9.94560 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 7 7 9.94526 7 7 7 7 9.94526 7 7 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 4 4 7 7 9.72073 9.94526	2 9.6	7208	9.72628	4.0	0.27372	9.94580	10	58
4 9.67256 24 9.72689 30 0.27311 9.94567 7 5 5 5 9.67280 24 9.72720 30 0.27280 9.94560 7 5 5 5 7 5 5 5 7 5 5 5 5 7 5 4 5 2 5 6 6 5 2	3 9 6	7939	9.72659		0.27341	9.94573	1	_
5 9.67280 23 9.72720 30 0.27280 9.94560 7 5 5 7 5 6 9.67303 24 9.72780 30 0.27220 9.94560 7 5 7 5 5 7 5 5 7 5 7 5 7 5 7 5 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 5 7 7 7 7 7 9		7956 24						
6 9.67303 24 9.72750 30 0.27220 9.94553 7 5 3 7 9.67327 24 9.72750 30 0.27220 9.94553 7 5 3 7 9.94553 7 5 3 7 9.94553 7 5 3 7 9.94526 7 7 5 3 7 9.94526 7 7 5 2 1 9.72821 30 0.271289 9.94526 7 7 5 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 7 9.94526 7 4 9.94526 9.94519 9.94526 9.94526 9.94526 9.94526 9.94526 9.94526 9.94526 7 4 4 9.94526 9.94526 9.94526 7 4 4 9.73303 0.27037 9.94459 </td <td>0 000</td> <td>7280 24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	0 000	7280 24						
7 9.67327 24 9.72780 30 0.271280 9.94546 6 52 9 9.673374 24 9.72811 30 0.271289 9.945540 7 51 10 9.67398 24 9.72841 30 0.271289 9.94533 7 51 11 9.67421 24 9.72802 30 0.27088 9.94526 7 49 12 9.67485 23 9.72902 30 0.27068 9.94519 6 48 13 9.67486 24 9.72993 30 0.270037 9.94490 7 47		23		30	_	-	15.	_
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9 9.6.73.74 24 9.728.41 30 0.271.59 9.945.33 7 50 11 9.6.73.42 24 9.728.72 30 0.271.59 9.945.53 7 50 11 9.6.74.21 24 9.729.32 30 0.270.88 9.945.19 6 49 12 9.674.45 23 9.729.33 30 0.270.03 9.945.19 7 44 14 9.674.92 23 9.729.03 30 0.270.07 9.944.99 7 45 15 9.675.15 24 9.730.84 30 0.269.76 9.944.99 7 45 17 9.675.52 24 9.730.84 30 0.269.76 9.944.99 7 45 18 9.676.99 24 9.731.14 30 0.268.26 9.944.72 7 4 4 4 3 9.732.75 30 0.267.95 9.944.85 7 1 4 4 3 3				31			6	
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11 9.6	7421	9.72902	100	0.27098	9.94519	6	49
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	12 9.6	7445	9.72932		0.27068	9.94513	7	48
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1408 04	9.72963		0.27037	9.94506	7	47
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	14 9.6	4492	9.72993	7.5	0.27007	9.94499		46
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	15 9.6	75151	9.73023		0.26977	9.94492		45
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	16 9.6			1		9.94485		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	17 9.6	1302		30			6	43
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	18 0 6	7586 24	0.73114	30	6 96996	0.04479	7	-
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				30			7	
21 9.67656 24 9.73205 30 0.26765 9.94451 7 32 22 9.67630 24 9.73235 30 0.26765 9.94451 7 37 24 9.67726 23 9.73265 30 0.26735 9.94438 7 37 25 9.676750 24 9.73326 30 0.26674 9.94431 7 35 26 9.67773 23 9.73386 30 0.26644 9.94417 7 34 27 9.67826 24 9.73416 30 0.26584 9.94404 7 33 28 9.67820 24 9.73416 30 0.26584 9.94407 7 33 29 9.67883 23 9.73466 30 0.26584 9.94404 7 31 30 9.67866 23 9.73476 30 0.26524 9.94397 7 31 30				31		20200000	7	
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$		7726 94					7	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1100 00					7	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	26 9.6	1113	9.73356		0.26644	9.94417	-	34
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	27 9.6	7796	9.73386		0.26614	9.94410	3	33
29 9.67843 23 9.73446 30 0.26554 9.94397 7 31 30 9.67866 23 9.73476 30 0.26524 9.94390 7 30	28 9.6		9.73416	30	0.26584	9.94404		
30 9.67866 23 9.73476 30 0.26524 9.94390 7 30	29 9.6	1843		00	0.26554	9.94397	7	31
Cos. 61 Cot. 61 Tang. 61 Sin. 61	30 9.6	7866 23		30		9.94390	7	
	Co	8. 61				Sin. 61		-

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1	Sin. 28	D.	Tang. 28	d c	Cot. 28	Cos. 28	D.	1
30	9.67866	24	9.73476	31	0.26524	9.94390	-	30
31	9.67890	23	9.73507	30	0.26493	9.94383	7	29
32	9.67913	23	9.73537		0.26463	9.94376	7	28
33	9.67936		9.73567	30	0.26433	9.94369	7	27
34	9.67959	23 23	9.73597	30	0.26403	9.94362	7	26
35	9.67982		9.73627		0.26373	9.94355	7	25
36	9.68006	24	9.73657	30	0.26343	9.94349	6	24
37	9.68029	23 23	9.73687	30	0.26313	9.94342	7	23
38	9.68052		9.73717	30	0.26283	9.94335		22
39	9.68075	23	9.73747	30	0.26253	9.94328	7	21
40	9.68098	23 23	9.73777	30	0.26223	9.94321	7	20
41	9.68121		9.73807	30	0.26193	9.94314	7	19
42	9.68144	23	9.73837	30	0.26163	9.94307	7	18
43	9.68167	23 23	9.73867	30	0.26133	9.94300	7	17
44	9.68190	100	9.73897	30	0.26103	9.94293	7	16
45	9.68213	23	9.73927	30	0.26073	9.94286	7	15
46	9.68237	24	9.73957	30	0.26043	9.94279	7	14
47	9.68260	23	9.73987	30	0.26013	9.94273	6	13
48	9.68283	23	9.74017	30	0.25983	9.94266	7	12
49	9.68305	22	9.74047	30	0.25953	9.94259	7	11
50	9.68328	23	9.74077	30	0.25923	9.94252	7	10
51	9.68351	23	9.74107	30	0.25893	9.94245	7	9
52	9.68374	23	9.74137	30	0.25863	9.94238	7	8
53	9.68397	23	9.74166	29	0.25834	9.94231	7	7
54	9.68420	23	9.74196	30	0.25804	9.94224	7	6
55	9.68443	23	9.74226	30	0.25774	9.94217	7	5
56	9.68466	23	9.74256	30	0.25744	9.94210	1	4
57	9.68489	23	9.74286	30	0.25714	9.94203	7	3
58	9.68512	23	9.74316	30	0.25684	9.94196	7	2
59	9.68534	22	9.74345	29	0.25655	9.94189	7	1
60	9.68557	23	9.74375	30	0.25625	9.94182	7	0
	Cos. 61		Cot. 61		Tang. 61	Sin. 61		

-		_	on		Cot, 29	Cos. 29	100	
'	Sin. 29	D.	Tang. 29 d	c =	Cot, 29		D	=
0	9.68557	- II	9.74375	. (.25625	9.94182	7	60
1	9.68580	23	9.744051	0	.25595	9.94175	7	59
2	9.68603		9.74435		.25565	9.94168	7	58
3		22	0.74465	0	.25535	9.94161	:	57
4			9.74494	19	25506	9.94154	7	56
5		23	9.74524		.25476	9.94147		55
_	-	23	9.74554	30	0.25446	9.94140	7	54
7	4.75	22	0 74583	29	0.25417	9.94133	7	53
5		23	9.74613	20	0.25387	9.94126		52
_		23		30	0.25357	9.94119	7	51
. 5	The second second	22	9.74643		0.25327	9.94112	7	50
10		23	9.74702		0.25298	9.94105	7	49
11		22		30	0.25268	9.94098	7	48
1:		23	9.74732	20	0.25238	9.94090	8	47
1:		23	9.74762	90	0.25209	9.94083	7	46
14		22		20		9.94076	7	45
1		23	9.74821		0.25179	9.94069	7	44
1		22	9.74851		0.25149 0.25120	9.94062	7	43
1	9.68942	23	9.74880	30			7	
1		22	9.74910	29	0.25090	9.94055	7	42
1		23	9.74939	30	0.25061	9.94048	7	40
2	0 9.69010	22	9.74969	29	0.25031	9.94041	7	
2	9.69032	1	9.74998	30	0.25002	9.94034	7	39
2	2 9.69055	23	9.75028	30	0.24972			38
2	3 9.69077	22	9.75058	29	0.24942	9.94020	8	31
2	4 9.69100	23	9.75087		0.24913		17	36
2	The second second	22	9.75117	30 29	0.24883			3
	6 9.69144	22	9.75146		0.24854	9.93998	1	34
-	7 9.69167	23	9.75176	30	0.24824	9.93991	7	3
	8 9.69189	22	9.75205	29	0.24795	9.93984	1	3
	9 9.69212	23	9.75235	30	0.24765		7	3
	0 9.69234		9.75264	29	0.24736	9.93970	2	3
11	Cos. 60	-1	Cot. 60		Tang. 60	Sin. 60	1	

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/ Sin. 29 D.	Tang. 29	Cot. 29	Cos. 29 D.	1
20 0 60224	0 75964	0 94726	9.93970	30
21 0 60256 22	0 75994 3	0 94706	9 93963	29
32 9.69279 23	9,75323 2	0.24677	9.93955	28
33 9.69301 22	9.75353	0 94647	9,93948	27
24 0 60202 22	0 75389 2	9 0 94618	0 02041	26
35 9.69345 22	9.75411	0.24589	9.93934	25
26 0 60368 23	9.75441	0.24559	9,93927	24
27 0 60200 22	9.75470	9 0.24530	9.93920 7	23
38 9.69412 22	9.75500 3	0 0.24500	9.93912 8	22
39 9.69434 22	2	9	7	-
40 9.69456 22	9.75529 2	9 0.24471	9.93905 7	21 20
41 9.69479 23	9.75588	0.24412	9.93891	19
22	2	9	7	-
42 9.69501 22	9.75617 3	0.24383	9.93884 8	18
44 9.69545 22	9.75676	9 0.24334	9.93869 7	17
	2	9	7	16
45 9.69567 22	9.75705	0.24295	9.93862	15
46 9.69589 22	9.75735	9 0.24265	9.93855	14
47 9.69611 22	9.75764 2	0.24236	9.93847	13
48 9.69683 22	9.75793	0.24207	9.93840	12
49 9.09030 22	9.15822	0.24178	9.93833	11
50 9.69677 22	9.75852	10.241481	9.93826	10
51 9.69699 99	9.75881	0.24119	9.93819	9
52 9.09 (21 99	9.75910	0.24090	9.93811 8	8
53 9.69743 22	9.75939	10.24001	9.93804	7
154 9 69765	9.75969	0.24031	9.93797	6
55 9.69787 22	9.75998 2		9.93789 8	5
113019.098091	9.760271	0.23973	9.93782 7	4
57 9.69831 22	9.76056	0.239441	9.93775	3
58 9.69953 22	9.76086		9.93768	2
59 9.62875 22	9.76115		9.93760 8	1
60 9.69897 22	9.76144	0.23856	9.93753	0
Cos. 60	Cot. 60	Tang. 60	Sin. 60	
-				

1	Sin. 30	p [Tang. 30	d c	Cot. 30	Cos. 30	D.	1
0	9.69897		9.76144		0.23856	9.93753	9	60
1	a chain	22	9.76173	29	0.23827	9.93746	7	59
2	9.69941	22	9.76202	29	0.23798	9.93738	8	58
3	9.69963	22	9.76231	29	0.23769	9.93731	7	57
4	9.69984	21	9.76261	30	0.23739	9.93724	7	56
5	9.70006	22	9.76290	29	0.23710	9.93717	7	55
_	-	22	9.76319	29	0.23681	9.93709	8	54
6	9.70028	22	9.76348	29	0.23652	9.93702	7	53
8	9.70072	22	9.76377	29	0.23623	9.93695	7	52
-		21		29	-	9.93687	8	51
9	9.70093	22	9.76406	29	0.23594	9.93680	7	50
10	9.70115	22	9.76435	29	0.23536	9.93673	7	49
11	9.70137	22		29			8	-
	9.70159	21	9.76493	29	0.23507	9.93665	7	48
	9.70180	22	9.76522	29	0.23478	9,93650	8	46
-	9.70202	22	9.76551	29	0.23449		7	-
15	9.70224	21	9.76580	29	0.23420	9.93643	7	45
16	9.70245	22	9.76609	30	0.23391	9.93636	8	44
17	9.70267	21	9.76639	29	0.23361	9.93628	7	43
18	9.70288	22	9.76668	29	0.23332	9.93621	7	42
	9.70310	22	9.76697	28	0.23303	9.93614	8	41
20	9.70332	21	9.76725	29	0.23275	9.93606	7	40
21	9.70353	22	9.76754	29	0.23246	9,93599	8	39
22	9.70375	21	9.76783	29	0.23217	9.93591	7	38
23	9.70396		9.76812	29	0.23188	9.93584	7	37
24	9.70418	22	9.76841		0.23159	9.93577	10	36
25	9.70439	21	9.76870	29 29	0.23130	9.93569	7	35
26	9.70461	22	9.76899	-	0.23101	9.93562		34
27	9.70482	21	9.76928	29	0.23072	9.93554	8	33
28		22	9.76957	29	0.23043	9.93547	7	32
29		21	9.76986	29	0.23014	9.93539	8	31
30	and the second second	22	9.77015	29	0.22985	9.93532		30
-	Cos. 59		Cot. 59		Tang. 59	Sin. 59	1	

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/ Sin. 30 D.	Tang. 30	Cot. 30	Cos. 30 D	1
20 9 70547	9.77015	0.22985	9.93532	30
21 0 70569 21	9.77044 2	0.22956	9.93525 7	29
32 9.70590 22	9.77073 2	0.22927	9.93517 8	28
22 0 70611 21	9.77101 2		9,93510	27
24 0 70622 22	9.77130 2	0.22899	9.93510 8	26
35 9.70654 21	9.77159 2	0.22841	9.93495	25
21	- 2	1	- 8	-
36 9.70675 22	9.77188	0.22812	9.93487	24
37 9.70697 21	9.77217	0.22183	9.93480	23
38 9.70718 21	9.77246	0.22134	9.93412	22
39 9.70739 22	9.77274	0.22726	9.93465	21
40 9.70761 21	9.77303 2		9.93457 8	20
4119.707821	9.77332	10.22005	9.93450 7	19
42 9,70803 21	9.77361	10.22639	9.93442 8	18
42 0 70994 21	9.77390 25	0.22610	9,93435 7	17
44 9.70846 22	9.77418 28	0.22582	9.93427 8	16
45 9.70867 21	9.77447	0.22553	9,93420 7	15
46 9.70888 21	9.77476	0.22524	9.93412 8	14
47 9.70909 21	9.77505 29	0.22495	9.93405 7	13
	25	3		-
48 9.70931 21	9.77533	0.22467	9.93397	12
49 9.70952 91	9.77502	0.22438	9.93390	11
50 9.70973 21	9.77591 2	0.22409	9,93382	10
51 9.70994 21	9.77619	10.22381	9.93375	9
52 9.71015 21	9.77648		9.93367 8	8
0319.110301	9.110111	10.22323	9.93300	7
54 9,71058 22	9.77706	0.22294	9.93352 8	6
55 9.71079 21	9 77734 28		9.93344 8	5
56 9.71100 21	9.77763	10.22234	9.93337 7	4
57 9.71121 21	9.77791 28	0.22209	9,93329 8	3
58 9.71142 21	0.77820 25	0.22180	9.93322 7	2
59 9.71163 21	0 77840 25	0 22151	9.93314 8	ī
60 9.71184 21	9.77877 28	0.22123	9.93307 7	0
Cos. 59	Cot. 59	Tang. 59		-
1 009: 99	000 94 1	1 vang. 59	Gin. 39 1	

		10.0	41 -	-
/ Sin. 31 D.	Tang. 31 de	Cot. 31	Cos. 31 D.	_
0 0 71104	0 77977	0.22123	9.93307	60
1071005 21	0 77006 29	0.22094	9.93299 8	59
2 9.71226 21	9.77935 29	0.22065	9.93291 8	58
21	9,77963	0.22037	9.93284	57
3 9.71247 21	20	0.22008	9.93276 8	56
4 9.71268 21	9.77992 28	0.22008	9.93269	55
5 9.71289 21	9.78020 29		- 8	-
6 9.71310 21	9.78049 28	0.21951	9.93261	54
7 9.71331 21	9.78077 29	0.21923	9.93253	53
8 9.71352 21	9.78106 29	0.21894	9.93246	52
0 0 7 1 2 7 2	0 78125	0 21865	9.93238	51
10 9.71393 20	9.78163 29		9.93230 8	50
11 9.71414 21	9.78192	0.21808	9.93223	49
12 9.71435 21	9.78220 28	0.21780	9,93215	48
12 9 71456 21	0 78940 29	0.21751	9.93207 8	47
14 9.71477 21	9.78277 28	0.21723	9.93200 7	46
	29	0.21694	9.93192 8	45
1211	9.78334 28	0.21666	9.93184 8	44
1201	9.78363 29	0.21637	9.93177	43
21	28		- 8	-
18 9.71560 21	9.78391 28	0.21609	9.93169	42
19 9.71581 91	9.78419 20	0.21581	9.93161	41
20 9.71602 20	9.78448	0.21552	9.93154	10
21 9 71629	9.78476 29	0.21524	9.93146	39
22 9.71643 21	0.78505	10.21495	9.93138 8	38
1 23 9.71664	9.78533 28	10.21404	9.931311	37
24 9.71685 21	9.78562 29	0.21438	9.93123	36
95 9 71705 20	9 78590 28	0.21410	9.93115 8	35
26 9.71726 21	9.78618 28	0.21382	9.93108	34
27 9.71747 21	9.78647		9.93100 8	33
28 9.71767 20	9.78675	0.21335	9.93092 8	32
29 9.71788 21	9.78704 29	0.21325	9,93084 8	31
30 9.71809 21	9.78732 28	0.21268	9.93077 7	30
-				00
Cos. 58	Cot. 58	Tang. 53	il 2111. 29 1	1

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1	Sin. 31	D.	Tang. 31	de	Cot. 31	Cos. 31		,
	9.71809		9.78732	1	0.21268	9.93077	D.	30
31	9.71829	20	9.78760	28	0.21240	9.93069	e 1	29
32	9.71850	21	9.78789	29	0.21211		D: 1	28
33	9.71870	20	9.78817	28	0.21183	9.93053	2	27
34	9.71891	21	9.78845	28	0.21155	9.93046	7 1	26
35	9.71911	20	9.78874	29	0.21126	9.93038	2 i	25
36	9.71932	21	9.78902	28	0.21098	9,93030	2	24
37	9.71952	20	9.78930	28	0.21070	9.93022		23
38	9.71973	21	9.78959	29	0.21041	9.93014		22
39	9.71994	21	9.78987	28	0.21013	9.93007	1 1	21
	9.72014	20	9.79015	28	0.20985	9.92999		20
41	9.72034	20	9.79043	28	0.20957	9.92991		19
42	9.72055	21	9.79072	29	0.20928	9.92983	1 -	18
	9.72075	20	9.79100	28	0.20900	9.92976		17
44	9.72096	21	9.79128	28	0.20872	9.92968		16
45	9.72116	20	9.79156	28	0.20844	9.92960		15
	9.72137	21	9.79185	29	0.20815	9.92952		14
47	9.72157	20	9.79213	28	0.20787	9.92944		13
48	9.72177	20	9.79241	28	0.20759	9.92936		12
	9.72198	21	9.79269	28	0.20731	9.92929		1
50	9.72218	20	9 79297	28	0.20703	9.92921 8		0
51	9.72238	20	9.79326	29	0.20674	9,92913		9
-	9.72259	21	9.79354	28	0.20646	9.92905 8		8
	9.72279	20	9.79382	28	0.20618	9.92897		7
54	9.72299	20	9.79410	28	0.20590	9,92889	-	6
	9.72320	21	9.79438	28	0.20562	9.92881 8		5
	9.72340	20	9.79466	28	0.20534	9.92874		4
57	9.72360	20	9.79495	29	0.20505	9,92866	-	3
-	9.72381	21	9.79523	28	0.20477	9.92858	-	2
	9.72401	20	9.79551	28	0.20449	9.92850 8	- 1	i
60	9.72421	20	9.79579	28	0.20421	9.92842	1	o
-	Cos. 58		Cot. 58		Tang. 58		1	-1

0	an I	Tang. 321,	Cot. 32	Cos. 32.	
1 9.72441 20 9.79607 28 0.20393 9.92834 8 58 3 9.72482 20 9.79691 28 0.20337 9.92818 8 57 4 9.72502 20 9.79719 28 0.20237 9.92810 7 5 9.72522 20 9.79717 29 0.20224 9.92803 7 7 9.72562 20 9.79717 29 0.20224 9.92717 8 9 9.72562 20 9.79804 28 0.20168 9.92717 8 9 9.72602 20 9.79802 28 0.20168 9.92717 8 10 9.72622 21 1.09760 28 0.20168 9.92717 8 11 9.72643 20 9.79802 28 0.20140 9.92763 8 12 9.72663 20 9.79916 28 0.20140 9.92763 8 13 9.72683 20 9.79944 28 0.20068 9.92739 8 14 9.72703 20 9.79944 28 0.20068 9.92739 8 15 9.72723 20 9.80007 28 0.20008 9.92739 8 15 9.72733 20 9.80007 28 0.20008 9.92738 8 15 9.72783 20 9.80056 28 0.20008 9.92738 8 15 9.72783 20 9.80056 28 0.19974 9.92707 8 16 9.72783 20 9.80056 28 0.19974 9.92707 8 17 9.72863 20 9.80056 28 0.19974 9.92651 8 18 9.72783 20 9.80056 28 0.19968 9.92667 8 19 9.72803 20 9.80076 28 0.19838 9.92667 8 20 9.72823 20 9.80076 28 0.19838 9.92667 8 21 9.72922 20 9.80367 9.80025 28 0.19665 9.92635 8 22 9.73802 20 9.80367 9.92667 8 23 9.72982 20 9.80367 9.92667 8 24 9.72902 20 9.80367 9.92667 8 25 9.72922 20 9.80367 9.92667 8 26 9.72942 20 9.80367 9.92667 8 27 9.72962 20 9.80367 9.92667 8 28 9.73802 20 9.80367 9.92667 8 29 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8 20 9.73802 20 9.80367 9.92667 8	7 Sin. 82 D.	d c		D.	
1 9.724461 20 9.79663 28 0.203353 9.928364 8 57 3 9.72462 20 9.79663 28 0.203353 9.928364 8 57 5 9.72522 20 9.79663 28 0.203367 9.92818 8 56 5 9.72522 20 9.79716 28 0.202234 9.92836 8 56 8 9.72582 20 9.79716 28 0.202234 9.928303 7 55 8 9.72582 20 9.79716 28 0.20253 9.922163 8 54 9 9.72602 20 9.79746 28 0.20124 9.922767 8 54 10 9.72622 21 9.79860 28 0.20168 9.92711 8 52 11 9.72663 20 9.79946 28 0.200149 9.92753 8 50 12 9.72743 20 9.800263 28 0.200049 9.92131 8 46 19 9.7	0 9.72421 20	9.79579 98	0.20421	A Production IN	17.7
2	1 0 79441		0.20393	9.92834	100
3 9,72482 20	219.724611	9.79635	0.20365	9.92826	58
4 9,72502 20 9,7991 9 80,72502 20 9,79917 9 80,020309 0 9,92803 7 8 54 6 9,72552 20 9,79747 20 9,79747 20 9,92217 3 8 54 9 9,72602 20 9,79804 20 9,79802 20 9,799273 30 8 44 17	2 0 79489	n Tacco	0.20337	9.92818	57
5 9.72522 20 9.79714 28 0.20223 9.92793 8 54 7 9.72542 20 9.79716 28 0.20224 9.92793 8 54 8 9.72582 20 9.79804 28 0.20196 9.92719 8 52 9 9.72602 20 9.79860 28 0.20140 9.92713 8 52 11 9.72663 20 9.79916 28 0.20140 9.92753 8 50 13 9.72683 20 9.79946 28 0.20040 9.92747 8 50 14 9.72763 20 9.79944 28 0.20056 9.92733 8 44 17 9.72743 20 9.80056 28 0.19972 9.92713 8 46 17 9.72743 20 9.80056 28 0.19974 9.92707 8 42 20 9.72883 20 9.80168 28 0.19974 9.922613 8 42 21 9.72843	4 0 79509		0.20309	9.92810	56
69,72542 20 9,79776 29 0,20223 9,92795 8 54 89,72562 20 9,79804 28 0,20168 9,92777 8 52 99,72662 20 9,79832 28 0,20168 9,92771 8 52 11 9,72663 20 9,79842 28 0,20168 9,92771 8 50 12 9,72663 20 9,79942 28 0,20140 9,92753 8 50 14 9,72663 20 9,79942 28 0,20084 9,92747 8 50 14 9,72763 20 9,79942 28 0,200084 9,92733 8 47 15 9,72743 20 9,80028 28 0,20008 9,92731 8 46 19,72743 20 9,80048 28 0,19972 9,92713 8 45 19,72843 20 9,80140 8 0,19972 9,92613	519.725221	9.79719	0.20281	9.92803	55
7 9.72562 20 9.79776 28 0.20224 9.92187 8 52 8 9.72562 20 9.79860 28 0.20168 9.92179 8 52 10 9.72602 20 9.79860 28 0.20168 9.92179 8 52 11 9.72643 20 9.79860 28 0.20168 9.92175 8 50 12 9.72663 20 9.79916 28 0.20044 9.92175 8 49 44 9.72703 20 9.79912 20 0.20054 9.92174 8 48 9.72743 20 9.80028 28 0.20084 9.92134 46 17 9.72763 20 9.80084 28 0.19972 9.92173 8 45 19 9.72843 20 9.80112 28 0.19972 9.92173 8 42 29 9.72883 20 9.80140 28	6 0 79549	0 70747	0.20253	9.92795	54
8 9.72582 20 9.79804 28 0.20196 9.921719 8 52 9 9.72602 20 9.79832 28 0.20140 9.921718 8 51 11 9.72662 21 9.79860 28 0.20140 9.921718 8 49 12 9.72663 20 9.79916 28 0.20140 9.92173 8 48 13 9.72663 20 9.79944 28 0.20056 9.92173 8 47 14 9.72743 20 9.79942 28 0.20056 9.92131 8 46 9.72743 20 9.80056 28 0.19972 9.92131 8 46 17 9.72803 20 9.80056 28 0.19944 9.92107 8 42 20 9.72833 20 9.80168 28 0.19869 9.92693 8 42 21 9.72843 20 9.80123	7 0 79569 20	0 70778 29		9 99787	53
9 9.72602 20 9.79832 28 0.20168 9.92771 8 50 11 9.72643 20 9.79868 28 0.20140 9.92763 8 50 12 9.72663 20 9.79916 28 0.20121 9.92713 8 49 14 9.72703 20 9.79944 28 0.20056 9.92731 8 46 9.72713 20 9.80002 28 0.200028 9.927131 8 46 17 9.72763 20 9.80056 28 0.19974 9.92713 8 46 18 9.72783 20 9.80056 28 0.19974 9.92713 8 44 19 9.72823 20 9.80140 28 0.19974 9.92699 8 42 20 9.72823 20 9.80140 28 0.19869 9.92699 8 42 21 9.72943 20 9.80123	8 9.72582 20	9.79804		9.92779	52
10 9.72622 21 9.79860 28 0.201140 9.92763 8 49 12 9.72643 20 9.79888 8 0.201122 9.92753 8 48 13 9.72683 20 9.79972 28 0.20028 9.92731 8 46 15 9.72743 20 9.80000 28 0.20006 9.92733 8 46 17 9.72763 20 9.80056 28 0.20000 9.92733 8 45 18 9.72783 20 9.80056 28 0.19972 9.92715 8 43 19 9.72803 20 9.80084 28 0.19972 9.92715 8 44 19 9.72803 20 9.80084 28 0.19960 9.92633 8 20 9.72823 20 9.80123 20 9.80182 28 21 9.72863 20 9.80186 28 0.19860 9.92683 8 22 9.72863 20 9.80186 27 0.19835 9.92667 8 23 9.72823 20 9.80251 8 0.1972 9.92654 8 24 9.72902 20 9.80367 28 0.1972 9.92654 8 25 9.72942 20 9.80367 28 0.19665 9.92635 8 26 9.72942 20 9.80367 28 0.19663 9.92613 8 27 9.72962 20 9.80367 28 0.19663 9.92614 8 28 9.72982 20 9.80367 28 0.19663 9.92614 8 29 9.73002 20 9.80367 28 0.19663 9.92614 8 20 9.73002 20 9.80367 28 0.19663 9.92619 8 20 9.73002 20 9.80367 28 0.19663 9.92619 8 20 9.73002 20 9.80367 28 0.19663 9.92619 8 20 9.73002 20 9.80367 28 0.19663 9.92619 8 20 9.73002 20 9.80367 28 0.19663 9.92619 8 20 9.73002 20 9.80367 28 0.19637 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92613 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.73002 20 9.80419 28 0.19663 9.92619 8 20 9.	0 0 79609	0 700 20	0.90168	0 92771 8	51
11	10 0 79699 20	0 70960 28	4.666	9.92763 8	
Text Text	11 9.72643 21	9.79888 28	0.20112	9.92755 8	
13 9.72683 20 9.79944 28 0.20056 9.92739 8 47 14 9.72703 20 9.79972 28 0.20056 9.92731 8 46 15 9.72743 20 9.80028 28 0.20000 9.92731 8 44 17 9.72763 20 9.80056 28 0.19974 9.92715 8 42 19 9.72803 20 9.80168 28 0.19986 9.92699 8 42 20 9.72833 20 9.80168 28 0.19869 9.926678 8 44 22 9.72843 20 9.80195 28 0.19869 9.926678 8 39 22 9.72893 19 9.80127 28 0.19869 9.926678 8 39 22 9.72893 19 9.80279 28 0.19779 9.926678 8 33 25 9.729922 20	20	0 70016 28	0 20084		
14 9.7.27183 20 9.7.9972 28 0.20028 9.92131 8 45 15 9.7.2713 20 9.80002 28 0.20000 9.921731 8 45 16 9.7.2743 20 9.80028 28 0.19972 9.92171 8 45 17 9.7.2783 20 9.80084 28 0.19972 9.92171 8 42 20 9.72823 20 9.80184 28 0.19946 9.92699 8 42 21 9.72843 20 9.80168 28 0.19848 9.92691 8 40 22 9.72863 20 9.80168 28 0.19848 9.92667 8 40 22 9.72863 20 9.80125 28 0.19849 9.926678 8 40 22 9.72922 20 9.80251 28 0.19774 9.92651 8 36 25 9.72942 20	12 9 72683 20	0 70044 28	0.20056	0 92739 8	
To Price	1.0	0	A	18	
16 9.72743 20 9.80028 28 0.19972 9.92715 8 44 17 9.72763 20 9.80026 28 0.19972 9.92707 8 43 19 9.72803 20 9.80140 28 0.19972 9.92691 8 42 20 9.72803 20 9.80140 28 0.19888 9.92691 8 42 21 9.72843 20 9.80168 27 0.19888 9.926678 8 40 22 9.72833 20 9.80168 27 0.19885 9.926678 8 39 23 9.72833 19 9.80273 8 0.19749 9.926678 8 33 24 9.72902 20 9.80279 8 0.19749 9.926518 8 37 25 9.72922 20 9.80307 28 0.19637 9.926518 8 35 26 9.72942 20		28			-
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			The second second		17.7
18 9.72783 20 9.80084 28 0.19916 9.92699 8 41					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	20	28		8	-
9.80112 9.80140 9.80168 27 9.80182 9.92631 8 41 9.80185 9.92631 8 32 9.2083 8 32 9.80185 9.80185 9.92667 8 38 9.2083 8 37 9.80185 9.8018	100	198		8	
28	19 9.72803 20	9.80112 28	0.19888	9.92691	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2019.728231	9.80140	0.19860	9.92083	40
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	21 9.72843 20	10 00160	0.19832	9.92675	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	22 9.72863 20	9.80195	0.19805	9.92667	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	23 9.72883	9.802231	10.19777	9.92659	37
$ \begin{bmatrix} 25 & 9.72922 & 20 \\ 26 & 9.72942 & 20 \\ 27 & 9.72962 & 20 \\ 28 & 9.72982 & 20 \\ 29 & 9.73002 & 20 \\ 30 & 9.73022 & 20 \\ 30 & 9.73022 & 20 \\ \end{bmatrix} $	24 9.72902	0 80251	0 10740	9.92651	36
27 9.72942 20 9.80307 28 0.19693 9.92637 8 32 28 9.72982 20 9.80363 28 0.19665 9.92617 8 32 20 9.80361 28 0.19636 9.92618 8 31 32 32 33 34 34 34 34 34				9.92643	35
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	26 9.72942	9.80307	10.19693	9.92035	34
28 9.72982 20 9.80363 28 0.19637 9.92619 8 32 29 9.73002 20 9.80391 28 0.19609 9.92611 8 31 30 9.73022 20 9.80419 28 0.19581 9.92603 8 30	27 9.79962	0 80335	10.19665	9.92627	33
30 9.73022 20 9.80391 28 0.19581 9.92603 8 30		0 80263	10 19637	9.92619	32
30 9.73022 9.80419 0.19581 9.92608 30	29 9.73002 -	9.80391	0.19609	9.92611 8	31
Cos 57 Cat 57 Cour 57 Sin 57	30 9.73022 20	9.80419 28	0.19581	9.92603	30
	Cos. 57	Cot. 57	Tang. 57	Sin. 57	1

301	-			_
/ Sin. 32 D.	Tang. 32	Cot. 32	Cos. 32 D	1-
20 0 72099	0 00410	0.10501	0.00609	30
21 0 73041 19	0 90447	0 10552	0 09505 8	29
32 9.73061 20	19.804741	0.19526	9.92587 8	28
33 9.73081 20	0 80509	0 10400	0 02570 8	27
24 0 73101 20	0 005 20	0 10470	0 09571 8	26
35 9.73121 20	9.80558	0.19442	9.92563	25
26 0 72140 19	0.00506	0 10414	0 00555	24
37 0 72160 20	0 00614	30001 0 6	9.92546	23
38 9.73180 20	9.80642	0.19358	9.92538	22
39 9.73200 20	0 00660	0 10221	9.92530	21
40 9.73219 19	0 80607	8 0 10202	9.92522 8	20
41 9.73239 20	9.80725	0.19275	9.92514	19
42 9.73259 20	9.80753	0.19247	9.92506	18
43 9.73278 19	9.80781	0.19219	0 09400 8	17
44 9.73298 20	9.80808	0.19192	9.92490 8	16
20	2	8		-
45 9.73318 19	9.80836	0.19164	9.92482 9	15
47 9.73357 20	9.80892	8 0.19108	9.92465	13
20	2	7		-
48 9.73377 19	9.80919	8 0.19081	9.92457 8	12
49 9.73396 20	9.80947	8 0.19053	9.92449 8	11
50 9.73416 19	9.80975	8 0.19025	9.92441 8	10
51 9.73435 20	9.81003	7 0.18997	9.92433 8	9
52 9.73455 10	9.51030	0.18970	9.92425	8
53 9.73474 20	9.81058	8 0.18942	9.92416	7
54 9.73494 10	9.81086	0.18914	9.92408 8	6
55 9.73513 90	9.81113	0.18887	9.92400	5
56 9.73533 19	9.81141	8 0.18859	9.92392 8	4
57 9.73552 20	9.81169	0.18831	9.92384	3
58 9.13512 10	9.81196	0.18804	9.92376	2
59 9.13591 90	9.81224	0.18110	9.92367	1
00 9.13011	9.81252	0.18748	9.92359	0
Cus. 57	Cot. 57	Tang. 57	Sin. 57	

/ Sin. 33 D.	Tang. 33 de	Cot. 33	Cos. 33 D	
0 0 72611	9.81252 07	0.18748	9.92359	60
10 72620 19	0 01970 21	0.18721	9.92351	59
2 9.73650 20	0.81307 20	0.18693	9.92343	58
- 19	9.81335 28	0.18665	9.92335	57
3 9.73669 20	0 01269 41	0.18638	0 09296 9	56
119	9.81390 28	0.18610	9.92318	55
19	28			54
6 9.73727 20	9.81418 27	0.18582	9.92310 8	53
7 9.73747 19	9.81445 28	0.18555	9.92302 9	52
8 9.73766 19	9.81473 27	0.18527	- 8	-
9 9.73785 20	9.81500 28	0.18500	9.92285	51
10 9.73805 19	9.81528 28	0.18472	9.92277	50
11 9.73824 19	9.81556 27	0.18444	9.92269	49
19 0 79949	9.81583 28	0.18417	9.92260	48
13 9.73863 20	9.81611 27	0.18389	9.92252	47
14 9.73882	9.81638	0.18362	9.92244	46
15 9,73901 19	9.81666	0 18234	9.92235	45
1 . 6 0 72021 20	0 01602 21	0 19307	9.92227	144
17 9 73940 19	9.81721 20	0.18279	9,92219	143
10 0 73050	9.81748	0.18252	9.92211	142
10 0 72078 19	0 01776 28	0 19994	9.92202 9	41
20 9.73997	9.81803 27	0.18197	9,92194	40
	9.81831	0.18169	9.92186	39
21 9.74017 19	0 01050 2	0 19149	9.92177 9	38
23 9.74055 19	9.81886	0.18114	9.92169	37
19	27		9.92161	
24 9.74074 19	9.81913	0.18087	9.92152	35
25 9.74093 20	9.81941	0.18039	9.92144	34
26 9.74113	9.81968	-		_
27 9.74132 19	9.81996	0.18004	9.92136	33
28 9.74151	9.82023	0.17911	9.92127	32
29 9.74170 19	9.82051	0.17949	9.92119	31
30 9.74189	9.82018	0.17922	9.92111	30
Cos. 56	Cot. 50	Tang. 56	Sin. 50	1

/ Sin. 33 D	Tang. 33 d	Cot. 33	Cos. 33 D	1
30 9.74189	0.00070	0 17099	9.99111	30
31 9.74208 19	0 00106 2	0 17004	9.99109	29
32 9,74227 19	9.82133	0.17867	9.92094 8	28
33 9.74246 19	28	3	8	_
34 9.74265 19	9.82161	0.17839	9.92086 9	27
35 9.74284 19	9.82188	0.17812	9.92077 8	26
10	9.82215	0.17785	9.92069 9	25
36 9.74303	9.82243	0.17757	9.92060 8	24
319.14322	9.82270 99	0.17730	9.92052	23
38 9.74341 19	9.82298 27	10.17702	9.92044	22
139 9.74360	9.82325	0 17675	9.92035 8	21
40 9.74379 19	9.82352 28	10 17649	9.92027	20
41 9.74398 19	9.82380 27	0.17620	9.92018	19
42 9.74417 19	0 29407	0 17502	9.92010	18
43 9.74436 19	0 09495 28		0 02002 8	17
44 9.74455 19	9.82462 27	0.17538	9.91993	16
45 9.74474 19	9.82489	0 17511	9.91985	15
46 9.74493 19	0 00=17 40	0 17400	9.91976	14
47 9.74512 19	9.82544	0.17456	9.91968	13
48 9.74531 19	27		9	-
49 9.74549 18	9.82571 28		9.91959 8	12
50 9.74568 19	9.82626 27	0.17374	9.91951 9	11
10	27		9.91942 8	10
51 9.74587 19	9.82653 28	0.17347	9.91934 9	9
52 9,14000 10	9.82681 27	0.17319	9.91925	8
53 9.74625 19	9.82708 27	0.17292	9.91917	7
54 9.74644	9.82735 27	0.17265	9.91908 8	6
35 9. 14002 10	9.82762 28		9.91900 9	5
150 9.74081	9.82790 27	0 17210	9.91891	4
57 9.74700 19	9.82817 27	0 17109	9.91883	3
58 9.74719 19	9.82844 27		9.91874 9	2
59 9.74737 18	9.82871	0.17120	9.91866 8	1
60 9.74756 19	9.82899 28	0.17101	9.91857	0
Cos. 56	Cot. 56	Tang. 56	Sin. 56	-
				-

	Sin. 34	1	Tang. 34		Cot. 34	l Cos. 34		
=		D.	Tang. 04	de		Cos. 34	D.	1
0	9.74756	19	9.82899	27	0.17101	9.91857	8	60
1	9.74775	19	9.82926	27	0.17074	9.91849	9	59
2	9.74794	18	9.82953		0.17047	9.91840	3.0	58
3	9.74812	100	9.82980	27	0.17020	9.91832	8	57
4	9.74831	19	9.83008	28	0.16992	9.91823	9	56
5	9.74850	19	9.83035	27	0.16965	9.91815	8	55
6	9.74868	18	9.83062	27	0.16938	9.91806	9	54
7	9.74887	19	9.83089	27	0.16911	9.91798	8	53
8	9.74906	19	9.83117	28	0.16883	9.91789	9	52
9	9.74924	18	9.83144	27	0.16856	-	8	-
10	9.74943	19	9.83171	27	0.16829	9.91781	9	51
11	9.74961	18	9.83198	27	0.16802	9.91763	9	45
_		19		27		-	8	-
12	9.74980	19	9.83225	27	0.16775	9.91755	9	48
13	9.74999	18	9.83252	28	0.16748	9.91746	8	47
14		19	9.83280	27	0.16720	9.91738	9	46
15	9.75036	18	9.83307	27	0.16693	9.91729	9	4
16	9.75054	19	9.83334	27	0.16666	9.91720	8	44
17	9.75073	18	9.83361	27	0.16639	9.91712	9	43
18	9.75091	19	9.83388	27	0.16612	0 01709	8	42
	9.75110	18	9.83415	27	0.16585	O OIGOEL	9	41
20	9.75128	19	9.83442		0.16558	9.91686		46
21	9.75147	-	9.83470	28	0.16530	9.91677	9	3.5
22	9.75165	18	9.83497	27	0.16503	9.91669	8	38
23	9.75184	19	9.83524	27	0.16476	9.91660	9	37
24	9.75202	18	9.83551	27	0.16449	0.01651	9	36
25	9.75221	19	9.83578	27	0.16422	0.01643	8	35
26		18	9.83605	27	0.16395	9.91634	9	34
27	9.75258	19	9.83632	27	0.16368	9.91625	9	33
	9.75276	18	9.83659	27	0.16341	9.91623	8	32
	9.75294	18	9.83686	27	0.16314	9.91608	9	31
	9.75313	19	9.83713	27	0.16287	9.91599	9	30
20	Cos. 55		Cot. 55		Tang. 55		11	99

1	Sin. 34	lp.	Tang. 34	de	Cot. 84	Cos. 34	D.	11
30	9:75313		9.83713		0 16005	9.91599	1	30
31		18	9.83740	127	0 10000		8	29
32	9.75350	19	9.83768	28	0 16939		9	28
32	9.75368	18	9.83795	27	0.16205	-	9	27
34		18	9.83822	27	0.16178		8	26
35		19	9.83849	27	0.16151	9.91556	9	25
36	9.75423	18	9.83876	27	0.16124		9	-
37		18	9.83903	27	0.16097	9.91547 9.91538	9	24
38		18	9.83930	27	0.16070	9.91530	8	22
39	-	19	-	27	_	-	9	-
40		18	9.83957	27	0.16043	9.91521	9	21
41	9.75514	18	9.84011	27	0.16016	9.91512	8	20
-	_	19	-	27			9	19
42		18	9.84038	27	0.15962	9.91495	9	18
100	9.75569	18	9.84065	27	0.15935	9.91486	9	17
-		18	9.84092	27	0.15908	9.91477	8	16
45	9.75587	18	9.84119	27	0.15881	9.91469	9	15
46	100 2 100 100 100 100 100 100 100 100 10	19	9.84146	27	0.15854	9.91460	9	14
47	201003120	18	9.84173	27	0.15827	9.91451	9	13
	9.75642	18	9.84200	27	0.15800	9.91442	0	12
	9.75660	18	9.84227	27	0.15773	9.91433	8	11
50	9.75678	18	9.84254	26	0.15746	19.914251		10
51	9.75696	18	9.84280	27	0.15720	9.91416	9	9
52	9.75714	19	9.84307	27	0.15693	19.914071	9	8
53	9.75733	18	9.84334		0.15666	9.91398	9	7
54	9.75751	100	9.84361	27	0.15639	9.913891	9	6
55	9.75769	18	9.84388	27	0.15612	9.91381	8	5
56	9.75787	18	9.84415	27	0.15585	9.91372	9	4
57	9.75805	18	9.84442	27	0.15558	9.91363	9	3
58	9.75823	18	9.84469	27	0.15531	9.91354	9	2
59	9.75841	18	9.84496	27	0.15504	9.91345	9	ī
60	9.75859	18	9.84523	27	0.15477	9.91336	9	0
	Cos. 55		Cot. 55	1	Tang. 55	Sin. 55		-

Ξ	-		-		- 1	0 . 0. 11	Cos. 35 1	-	
	1	Sin. 35	D.	Tang. 35	de =	Cot. 35	C03. 33	D.	-
	0	9.75859		9.84523		.15477	9.91336	8	60
	- 1	9.75877	18		26 0	.15450	9.91328	9	59
	2	9.75895		9.84576	- 16	.15424	9.91319	9	58
-	3	9.75913	18	9.84603	27	0.15397	9.91310		57
		9.75931	18	9.84630	27	0.15370	9.91301	9	56
ı		9.75949	18	9.84657	27	0.15343	9.91292	1	55
ŀ	_	9.75967	18	9.84684	27	0.15316	9.91283	9	54
ı		9.75985	18	9.84711	27	0.15289	9 91274	9	53
ı		9.76003	18	9.84738	27	0.15262	9.91266	8	52
ŀ	_		18		26	0.15236	9.91257	9	51
II.		9.76021	18	9.84764		0.15209	9.91248	9	50
	10	9.76039	18	9.84818	971	0.15182	9.91239		49
u.	11		18		27			19	-
	12	9.76075	18	9.84845		0.15155	9.91230		48
ı	13	9.76093	18	9.84872	1771	0.15128 0.15101	9.91215		46
II.	14	9.76111	18	9.84899	26			-19	-
ı	15	9.76129	17	9.84925		0.15075	9.91203		45
ı	16	9.76146	18	9.84952	27	0.15048	9.91194		44
ı	17	9.76164	18	9.84979	27	0.15021	9.9118	-19	43
ı	18	9.76182	10	9.85006	27	0.14994			42
I	19		118	9.85033	26	0.14967			41
ı	20	9.76218	18	9.85059	27	0.14941	9.9115	9	40
I	21	9.76236		9.85086		0.14914	9.9114	9 8	39
١	22		111	9.85113	27	0.14887		1 0	38
1	23		18	113.80140	,	0.14860	9.9113	2	37
١	24	9.76289	18	10 85166	26	0.14834	9.9112	3 9	36
١	25		7 18	0.8519	27	0.1480	9.9111	4 9	35
١	26	The second second	4 16	9.85220	21	0.14780	9.9110	5 9	34
١	27	-	18	0.8524	27	0.1475	9.9109	6 9	33
١	28			9.8527	20	0.1472		7 9	32
1	29		8 18	9.8530	0 27	0.1470		8 9	31
1	30			9.8532	127	0.1467			30
1	100	Cos. 54		Cot. 54	-1	Tang. 5	_	_	-
н	_	. 000.01		11 - 24 0 .				_	

/ Sin. 35 D	Tang. 35 d c Cot. 35	Cos. 35 D. 1
20 9 76305	0 95297 0 14679	0 01060 20
31 9.76413 18	0 85354 27 0 14646	9 91060 9 20
32 9.76431 17	9.85380 0.14620	9.91051 9 28
99 9 76449	9 85407 0 14502	0 01049 9 27
34 9.76466 18	9 85434 27 0 14566	9.91033 9 26
35 9.76484 18	9.85460 20 0.14540	1 V
36 9.76501 17	9.85487 0 14512	0 01014 5 24
37 9.76519 18	9 85514 27 0 14486	0.01005 9 92
38 9.76537 18	9.85540 20 0.14460	9.90996 9 22
39 9.76554	9.85567 0 14422	0 00007 9 21
40 9.76579 18	9.85594 27 0 14406	0 00078 9 20
41 9.76590 18	9.85620 26 0.14380	9.90969 9 19
42 9.76607 17	9.85647 27 0.14353	9 90960 9 18
43 9.76625 17	0 95674 27 0 14000	0 06051 9 17
44 9.76642	9.85700 20 0.14300	9.90942 9 16
45 9.76660 18	9.85727 27 0.14273	9 90933 9 15
46 9.76677 17	9.85754 27 0 14946	9 90994 9 14
47 9.76695 18	9.85780 26 0.14220	9.90915 9 13
48 9.76712 17	9.85807 27 0.14193	9.90906 9 12
49 9.76730 18	9.85834 27 0.14166	9.90896 10 11
50 9.76747 17	9.85860 26 0.14140	9.90887 9 10
51 9.76765 18	9.85887 27 0.14113	9.90878 9 9
52 9.76782 17	9.85913 26 0.14087	9 90860 9 8
53 9.76800 18	9.85940 27 0.14060	9.90860 9 7
54 9.76817 17	9.85967 27 0.14033	9.90851 9 6
55 9.76835 18	9.85993 26 0.14007	9.90842 9 5
56 9.76852 17	9.86020 27 0.13980	9.90832 10 4
57 9.76870 18	9.86046 26 0.13954	9,90823 9 3
58 9.76887 17	9.86073 27 0 13027	9.90814 9 2
59 9.76904	9.86100 27 0.13900	9 90805 9 1
00 9.10922	9.86126 20 0.13874	9.90796 9 0
Cos. 54	Cot. 54 Tang. 54	Sin. 54

/ Sin. 36 D.	Tang. 36	120	Cot. 36	Cos. 36	D.	1
0 9 76999	9.86126		0.13874	9.90796		60
1 0 76020 14	9.86153	27	0.13847	9.90787	9	59
2 9.76957 18	9.86179	26	0.13821	9.90777	10	58
3 9.76974 17	9.86206	27	0.13794	9.90768	9	57
4 0 76001 17	9.86232	26	0.13768	9.90759	9	56
5 9.77009 18	9.86259	27	0.13741	9.90750	9	55
6 9,77026 .7	9.86285	26	0.13715	9,90741	9	54
7 9 77043 14	9.86312	27	0.13688	9.90731	10	53
8 9.77061 18	9.86338	26	0.13662	9.90722	9	52
0 0 77079 17	9.86365	27	0.13635	9.90713	9	51
10 0 77005 17	9.86392	27	0.13608	9.90704	9	50
11 9.77112	9.86418	26	0.13582	9.90694	10	49
12 9.77130	9.86445	27	0.13555	9.90685	9	48
13 9 77147 11	9.86471	26	0.13529	9.90676	9	47
14 9.77164	9.86498	27	0.13502	9.90667	9	46
15 9.77181 17	9.86524	26	0.13476	9.90657	10	45
16 0 77100 18	9.86551	27	0.13449	9.90648	9	44
17 9.77216 17	9.86577	26	0.13423	9.90639	9	43
18 9,77233 17	9.86603	26	0.13397	9.90630	9	42
10 9 77950 17	9.86630	27	0.13370	9.90620	10	41
20 9.77268 18	9.86656	26	0.13344	9.90611	9	40
21 9.77285 17	9.86683	27	0.13317	9.90602	9	39
99 9 77309 17	9.86709	26	0.13291	9.90592	10	38
23 9.77319 17	9.86736	27	0.13264	9.90583	9	37
24 9.77336 17	9.86762	26	0.13238	9.90574	9	36
25 9.77353 17	9.86789	27	0.13211	9.90565	9	35
26 9.77370 17	9.86815	26	0.13185	9.90555	10	34
27 9,77387 17	9.86842	27	0.13158	9.90546	9	33
28 9.77405 18	9.86868	26	0.13138	9.90537	9	32
29 9 77422 17	9.86894	26	0.13106	9.90527	10	31
30 9.77439 17	9.86921	27	0.13079	9.90518	9	30
Cos. 53	Cot. 53		Tang. 53	Sin. 53		-
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/ Sin. 36 D.	Tang. 36 de	C 11. 36	Cos. 36	D. 1	
30 9.77439 17	9.86921 26	0.13079	9.90518	9 30	
31 9.77456 17	9.86947 27	0.13053	9.90509	10 29	
32 9.77473	9.86974	0.13026	9.90499	28	1
33 9.77490 17	9,87000 26	0.13000	9.90490	9 27	1
34 9.77507 17	9.87027 27	0.12973	9.90480	10 26	
35 9.77524 17	9.87053 26	0.12947	9.90471	9 25	ı
36 9.77541 17	9.87079 26	0.12921	9.90462	9 24	
27 0 77558	9 87 106 27	0 12894	9.90452	10 23	. 1
38 9.77575	9.87132 26	10.12808	9.90443	9 22	
39 9.77592 17	9.87158	0.12842	9.90434	9 21	-
40 0 77500 17	9.87185 27	0.12815	9.90424	10 20	
41 9.77626	9.87211 26	0.12789	9.90415	9 19	. 1
42 9.77643	9.87238 27	0.12762	9.90405	10 18	-
42 9 77660	9.87264 26	0.12736	9.90396	9 12	
44 9.77677	9.87290 26	0.12710	9.90386	10 16	
45 9.77694	9.87317 27	0.12683	9.90377	9 15	-1
46 9.77711 17	9.87343 26	0.12657	9.90368	91.	
47 9.77728 17	9.87369 26	0.12631	9.90358	10 14	- 1
16	27			9 -	-1
48 9.77744 17	9.87396	0.12604	9.90349	10 12	31
50 9.77778 17	9.87422 26	0.12578	9.90339	9 11	1
17	27			10	- 1
51 9.77795 17	9.87475	0.12525	9.90320	9 5	
52 9.11812 17	9.87501 26	0.12499	9.90311	10	
53 9.77829 17	9.87527 27	0.12473	9.90301	9 7	-1
54 9.77846	9.87554	0.12446	9.90292	10	
33 3.11002 17	9.87580 26	0.12420	9.90282	0 4	
56 9.11819	9.87606	0.12394	9.90273	10 -	-
57 9.77896 17	9.87633	0.12367	0.90263	0 3	
30 3.11910 17	9.87659	0.12341	9.90254	10 2	
59 9.11930 16	9.87085 96	0.12315	9.90244	0	-
00 9.11940	9.81111	0.12289	9.90235	0	2
Cos. 53	Cot. 53	Tang. 53	Sin. 53		

$ \begin{bmatrix} I \\ 0 \\ 9.77946 \\ 19.77963 \\ 29.777980 \\ 3 \\ 9.77997 \\ 4 \\ 9.78013 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.78043 \\ 6 \\ 9.87942 \\ 6 \\ 9.87942 \\ 6 \\ 9.87942 \\ 6 \\ 9.87942 \\ 6 \\ 9.87942 \\ 6 \\ 9.87942 \\ 6 \\ 9.87942 \\ 6 \\ 9.88053 \\ 17 \\ 19.98000 \\ 17 \\ 9.88053 \\ 16 \\ 9.88053 \\ 18 \\ 9.78213 \\ 17 \\ 19.98200 \\ 17 \\ 9.88053 \\ 16 \\ 9.88053 \\ 18 \\ 9.7822 \\ 17 \\ 9.88205 \\ 17 \\ 9.88053 \\ 18 \\ 9.88367 \\ 19 \\ 9.88053 \\ 10 \\ 9.11816 \\ 9.900043 \\ 9.900044 \\ 9.900043 \\ 9.900044 \\ 10 \\ 9.90043 \\ 10 \\ 9.900044 \\ 10 \\ 9.90043 \\ 10 \\ 9.900044 \\ 10 \\ 9.90043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 9.900044 \\ 10 \\ 9.900044 \\ 10 \\ 9.900043 \\ 10 \\ 10 \\ 11 \\ 10 \\ 10 \\ 11 \\ 10 \\$	_	_			_				-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	1	Sin. 37	n	Tang. 37	icl.	Cot. 37	Cos. 37	D	_
1 9.77933 17 2 9.87738 26 0.12262 9.90225 9 58 3 9.77997 4 9.878013 15 9.87867 20 0.12210 9.90206 9 56 5 9.78030 17 9.87847 20 0.12137 9.90187 9.56 6 9.78047 17 9.87869 3 0.12137 9.90187 9.90187 6 9.78047 17 9.87869 3 0.12135 9.90187 9.90187 9 9.88080 17 9.87922 20 0.12107 9.90188 9.55 9 9.88097 10 9.87922 20 0.12078 9.90168 9.5 11 9.78130 17 17 9.88079 3 0.12000 9.90130 9.90130 9.90130 12 9.78147 16 9.88053 26 9.88052 26 0.11947 9.90130 9.90130 9.44 11 9.78123 0 17 9.88250 17 9.88158 17 9.88158 17 9.88158 17 9.88158 17 9.88163 17 9.88184 26 0.11947 9.90111 9.9011 10 48 12 9.78286 17 9.88250 16 22 9.78381 16 22 9.78381 16 23 9.78322 17 9.88286 26 0.11842 9.90072 9.90082 10 14 24 9.78346 16 22 9.78379 16 22 9.78382 17 9.88286 26 0.11768 9.90063 10 10 44	=	0.22046		0.07711		0.12289	9.90235	10	60
1	3		11	0 07770	24		9.90225		59
3 9.77997 16 9.87790 26 0.12210 9.90206 9 57 9.87817 16 9.87843 26 0.122157 9.90187 9.87845 26 0.12131 9.90178 9.58895 27 0.12183 9.90187 9.87922 26 0.12105 9.90168 9.87922 27 0.12078 9.90159 9.87922 27 0.12078 9.90159 0.12061 9.90130 0.12061 9.88181 17 9.88000 27 9.88053 26 0.12052 9.90130 0.11921 9.90034 0.11921 9.90034 0.11842 9.90035 0.11842 9.90035 0.11842 9.90035 0.11842 9.90035 0.11842 9.90035 0.11842 9.90035 0.11842 9.90034 0.11738 0.11738 0.11738 0.11738 0.11738 0.11738				9.87764	20		9.90216		58
4 9.78013 1 5 9.78030 1 7 9.87847 2 9.87869 3 9.87987 1 16 9.87984 2 9.87987 1 17 9.87948 2 17 9.87948 1 17 9.87948 2 17 9.88000 2 17 9.8807 2 17 9.8807 2 17 9.8807 2 17 9.8807 2 17 9.8807 2 17 9.8807 2 17 9.8807 2 17 9.8807 2 17 9.78250 1 17 9.8826 2 17 9.7826 2 17 9.7826 2 17 9.7826 2 17 9.7826 2 17 9.7826 2 17 9.7826 2 17 9.8826 2 17 9.7826 2 17 9.8826 2 17 9.7826 2 17 9.8826 2 17 9.8826 2 17 9.7826 2 17 9.8826 2 17 9.7826 2 17 9.8826 2 17 9.7826 2 17 9.8826 2 17 9.7826 2 17 9.7826 2 17 9.7826 2 17 9.7826 2 17 9.7836 2 17 9.78	-	-	17	0.07700		0.12210	9.90206		57
5 9.78030 17 9.87843 26 0.12157 9.90187 9 5 5 5 9.87869 26 0.12157 9.90187 9 5 5 5 4 9.87869 26 0.12105 9.90188 9 5 5 5 4 9.87892 26 0.12135 9.90189 9 5 2 9.87894 26 0.12078 9.90189 9 5 2 9.87894 26 0.12078 9.90139 9 5 2 0.12020 9.90139 9	100			0 07017	27			-	56
6 9.78047 16 9.87869 26 0.12131 9.90178 9 54 9 9.78097 17 9.87922 26 0.121078 9.90169 9 52 9 9.78097 17 9.87922 26 0.12068 9.90169 9 52 10 9.78131 17 9.87974 26 0.12026 9.90139 9 50 9.90139 9 50 9.90139 9 9 9 9 9.90139 9 9 9 9 9.90139 9			17	9 87843	26				55
6 9,1804 1 16 8,978080 9,87892 2 26 0,12105 2 9,90168 9 9 5 2 9 9,78097 10 9,78113 11 13 9,78163 12 9,78147 13 9,78163 11 14 9,78180 15 9,78191 16 9,78213 11 17 9,78230 16 9,78230 17 19,	-		17		26	0.12131	9.90178	- 1	54
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			16	0 07905	26		7.0 % (0.00)		
1			17	0 87922	27			-	52
9,848091 16 9,889027 26 0,12026 9,90130 10 11 12 9,78147 16 9,88007 27 9,88073 14 9,78180 17 18 9,78197 16 9,88107 17 9,88207 18 9,78263 17 9,88208 19 9,88289 19 9,88289 19 9,88289 10 20 9,78283 17 9,88289 16 9,88289 16 20 9,78283 17 9,88289 16 20 9,78283 17 20 9,78283 16 9,88289 26 0,11804 9,90072 19 44 9,90072 10 45 10 11 10 10 10 10 10 1	_		17		26				51
10 9.1813 17 9.88000 27 9.89130 10 9.90130 10 9.89131 10 9.89027 26 0.11947 9.90101 10 46 9.88131 17 9.88105 16 9.88131 17 9.88230 16 9.88131 17 9.88230 16 9.88210 26 9.88230 20 9.88289 17 9.88289 20			16						5.00
11 9.18130 17 9.88027 26 0.11973 9.99120 9 47 18181 17 9.88053 26 0.11947 9.99111 19 11 15 9.88053 26 0.11895 9.99082 17 9.88181 26 0.11895 9.99082 17 9.88181 26 0.11895 9.99082 10 18182 9.99072 9.88181 26 0.11895 9.99082 10 44 9.8826 26 0.11764 9.99063 10 42 9.8826 26 0.11764 9.99063 10 44 9.8826 26 0.11764 9.99063 10 44 9.8826 26 0.11764 9.99063 10 44 9.8826 26 0.11764 9.99063 10 44 9.8826 26 0.11764 9.99063 10 36 36 36 36 36 36 36 3			17	W	26			100	12.5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	11		17		27				-
13 9.78163 17 9.88073 26 0.11921 9.90101 10 46 17 16 9.78213 17 9.88205 26 0.11821 9.90072 17 9.88261 17 9.88261 17 9.88262 27 9.78283 17 22 9.78283 16 9.88262 27 29.78313 16 22 9.78362 17 24 9.78362 17 24 9.78362 17 26 9.88367 26 9.78379 16 9.88367 26 9.78379 17 27 9.78395 17 28 9.78412 16 9.88462 27 9.78428 17 29 9.78428 17 20 9.7			16		26				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1				26			10	
15 9.78197 16 9.88105 9.88131 26 0.11869 9.90082 10 43 11 12 13 15 15 15 15 15 15 15	14			-	26	_	_	10	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			100		26			9	-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	16				27				100
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	17		1		26			9	-
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$ \begin{bmatrix} 20 & 9.78280 \\ 21 & 9.78296 \\ 22 & 9.78313 \\ 3 & 9.78329 \\ 24 & 9.78346 \\ 25 & 9.78362 \\ 26 & 9.78379 \\ 27 & 9.78395 \\ 28 & 9.78412 \\ 30 & 9.78428 \\ 30 & 9.78428 \\ 30 & 9.784425 \end{bmatrix} \begin{bmatrix} 9.88286 \\ 9.88262 \\ 9.88367 \\ 26 \\ 9.88367 \\ 26 \\ 9.88367 \\ 26 \\ 9.88460 \\ 26 \\ 9.884612 \\ 26 \\ 9.88462 \\ 30 \\ 9.784425 \end{bmatrix} \begin{bmatrix} 0.11114 \\ 9.90034 \\ 0.111738 \\ 9.900054 \\ 0.11659 \\ 9.899956 \\ 0.11528 \\ 9.89966 \\ 0.11528 \\ 9.89956 \\ 0.11528 \\ 0.$	19						Maria de la companya della companya		100
21 9.78296 17 9.88269 27 0.11738 9.90034 10 38 23 9.78329 17 9.88361 26 9.88361 26 9.78379 16 9.88367 26 9.78379 16 9.88367 26 9.78379 16 9.88367 27 9.78428 17 9.88446 26 9.78428 17 9.88446 26 0.11528 9.89956 10 32 29 9.78428 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.89956 10 32 9.89956 10 9.89	20	9.78280	200	9.88236	100	_	-	- 9	-
$ \begin{bmatrix} 229,78313 \\ 239,78328 \\ 249,78346 \\ 259,78362 \\ 269,78379 \\ 279,78428 \\ 309,784425 \end{bmatrix} \begin{bmatrix} 9,88289 \\ 9,88367 \\ 169,88367 \\ 269,88393 \\ 178,88490 \\ 169,888470 \\ 9,88460 \\ 269,784428 \end{bmatrix} \begin{bmatrix} 0,11113 \\ 0,11659 \\ 0,11633 \\ 0,11633 \\ 0,11502 \\ 0,11554 \\ 0,11528 \\ $	21	9.78296	1	9.88262		0.11738	Harris and the same		
23 9.78329 17 9.88315 26 0.11659 9.89955 10 29 9.78428 17 9.88442 26 9.78342 16 9.88472 28 9.78412 16 9.88472 28 9.78442 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 30 9	22	9.78313		9.88289	-		1010000	110	
$ \begin{bmatrix} 24 & 9.78346 \\ 25 & 9.78362 \\ 26 & 9.78379 \\ 27 & 9.78395 \\ 28 & 9.78412 \\ 29 & 9.78428 \\ 30 & 9.78445 \end{bmatrix} \begin{bmatrix} 6 \\ 9.88367 \\ 9.88393 \\ 16 \\ 9.88492 \\ 26 \\ 9.88472 \\ 17 \\ 9.88449 \end{bmatrix} \begin{bmatrix} 6 \\ 0.11639 \\ 9.89995 \\ 0.11607 \\ 27 \\ 0.11580 \\ 0.11580 \\ 9.89976 \\ 0.11528 \\ 9.89966 \\ 0.11528 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 9.89956 \\ 0.11502 \\ 0.11$	23	9.78329	-	9.88315		C 21085	-	- 9	-
$ \begin{bmatrix} 25 & 9.78362 & 17 & 9.88367 & 26 \\ 26 & 9.78379 & 16 & 9.88393 & 27 \\ 27 & 9.78395 & 17 & 9.88492 & 27 \\ 28 & 9.78412 & 16 & 9.88472 & 26 \\ 29 & 9.78428 & 17 & 9.88498 & 10 \\ 30 & 9.78445 & 17 & 9.88498 & 0.11528 & 9.89956 \\ 30 & 9.78445 & 17 & 9.88498 & 0.11528 & 9.89956 \\ 30 & 9.78445 & 17 & 9.88498 & 0.11522 & 9.89956 & 0.11528 \\ 30 & 9.78445 & 17 & 9.88498 & 0.11522 & 9.89956 & 0.11528 & 0.11522 \\ 30 & 9.78445 & 17 & 9.88498 & 0.11522 & 9.89956 & 0.11528 & 0.11522 & 0.1152$	24	9.78346	1	9.88341		0.11659			1000
26 9.78379 16 9.88393 27 0.11507 9.89976 17 9.88446 26 0.11528 9.89956 17 9.88472 28 9.78412 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 17 9.88498 30 9.78445 9.89956			10			0.11000		10	35
27 9.78395 10 9.88420 26 0.11580 9.89976 10 32 27 28 9.78412 16 9.88446 26 9.1852 30 9.78445 17 9.88498 26 0.11528 9.89956 10 32 32 33 33 9.78445 17 9.88498 26 0.11502 9.89947 9 30 30 30 30 30 30 30	20	9.78379		9.88393		0.1100	-	- 9	-
28 9.78412	2	9.78395	100	9.88420	100	0.11580		10	33
29 9.78428 30 9.78445 17 9.88498 0.11528 9.89947 9.894947 30	_		17	11.9.83449		0.11554		10	32
30 9.78445 9.88498 0.11302 5.83541		The second second		9.88412	26	0.11528		0	31
Cos. 52 Cot. 52 Tang. 52 Sin. 52	30	9.78445	11	9.88498	-	0.11302			30
	11-	Cos. 52	1	Cot. 52	1	Tang. 52	III Sin. 52	1	1

1 Sin. 37 Taug. 37 , Cot. 37 Cos. 37 1/	- 1
D. Taug. 5 d c Cot. 37 Cos. 37 D.	. 1
20 9 79445 0 99409 0 11509 0 90047 24	
31 9.78461 3 9.88524 2 0.11476 9.89937 10 29	
32 9.78478 16 9.88550 26 0.11450 9.89927 10 28	3
33 9 78494 - 0 98577 0 11492 0 99919 99	1
24 9 78510 - 9 99602 26 0 11207 9 99909 10 94	
85 9.78527 9.88629 26 0.11371 9.89898 10 25	
26 270742 10 20075 26 21007 20000 10 20	- 11
37 9 78560 1 9 88601 26 0 11210 0 84870 9 25	
28 9 78576 0 99707 20 0 11202 0 99860 10 99	
26 2050 10 2050	- 11
40 0 79500 0 0 99750 20 0 11941 0 99940 10 99	
41 9 79695 10 9 99796 21 0 11914 9 99940 9 10	
26 10	-11
42 9.78642 16 9.88812 26 0.11188 9.89830 10 18	
$\begin{bmatrix} 43 & 9.78658 \\ 44 & 9.78674 \end{bmatrix}$ $\begin{bmatrix} 6 & 9.88838 \\ 16 & 9.88864 \end{bmatrix}$ $\begin{bmatrix} 26 & 0.11162 \\ 0.11136 \end{bmatrix}$ $\begin{bmatrix} 9.89820 \\ 9.89810 \end{bmatrix}$ $\begin{bmatrix} 10 & 10 \\ 10 & 10 \end{bmatrix}$	
17 26 9	- 11
45 9.78691 16 9.88890 26 0.11110 9.89801 10 15	- 18
46 9.18107 16 9.88910 96 0.11084 9.89191 10 14	
10 3.18123 16 3.88942 26 0.11038 3.89181	- 18
48 9.78739 17 9.88968 26 0.11032 9.89771 10 12	
49 9.78756 16 9.88994 26 0.11006 9.89761 10 11	- 18
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	1
51 9.78788 17 9.89046 27 0.10954 9.89742 9	
52 9.78805 16 9.89073 26 0.10927 9.89732 10 8	
53 9.78821 16 9.89099 26 0.10901 9.89722 10 7	
54 9.78837 . 9.89125 0.10875 9.89712 6	
55 9.78853 16 9.89151 26 0.10849 9.89702 10 5	
56 9.78869 16 9.89177 26 0.10823 9.89693 9 4	
57 9.78886 17 9.89203 26 0.10797 9.89683 10 3	
58 9.78902 16 9.89229 26 0.10771 9.89673 10 2	1
59 9.78918 16 9.89255 26 0.10745 9.89663 10 1	1
60 9.78934 10 9.89281 20 0.10719 9.89653 10 0	
Cos. 52 Cot. 52 Tang. 52 Sin. 52	-

/ Sin. 38 D.	Tang. 38 d	Cot. 38	Coa. Nx	D. 1
0 9.78934	9.89281	0.10710	9.89653	60
1 9.78950 16	9.89307	100009	9.89643	10 50
2 9.78967	19.893331	0.10667	9.89633	10 58
3 0 78683	9.89359	O TORAL	9.89624	9 57
4 9.78999 16	9.89385	0 10615	9.89614	10 56
H 519.790151	9.89411	0.10589	9.89604	10 55
6 9.79031 16	9.89437	0 10569	9.89594	10 54
7 0 70047 10	9 89463 2	0 10537	9.89584	10 58
8 9.79063 16	9.89489	0.10511	9.89574	10 52
9 9,79079 16	9.89515	0 10485	9.89564	10 51
10 0 70005 10	0 00541 2	O TOARD	9.89554	10 50
11 9.79111 16	9.89567	0.10433	9.89544	10 49
12 9.79128 17	9.89593	0.10407	9.89534	10 48
13 9 79144 16	0 80610 2	0 1/1201	9.89524	10 47
14 9.79160 16	9.89645	0.10355	9.89514	10 46
15 9.79176 16	9.89671	0 10220	9.89504	10 45
16 0 70192 16	0 99607 2	0.10202	9.89495	9 44
17 9.79208 16	9.89723 2	10.10277	9.89485	10 43
18 9.79224 16	9.89749	O LOOF	9.89475	10 42
19 9.79240 16	9 89775 2	0 10225	9.89465	10 41
20 9.79256 16	9.89801 2	0.10199	9.89455	10 40
21 9.79272 16	9.89827	0.10173	9.89445	10 39
22 0 70288 16	9.89853 2	0 10147	9.89435	10 38
23 9.79304 16	9.89879	0.10121	9.89425	10 37
24 9.79319 15	9.89905	6		1 O
25 9.79335 16	9 80031 2		9.89415	10 36 35
26 9.79351 16	9.89957	0.10043	9.89395	10 34
27 9.79367 16	9.89983	61	-	10 33
28 9.79383 16	9.99983	0.10017	9.89385	10 33
29 9.79399 16	9.90035	0.09991	0 80364	11 31
30 9.79415 16	9.90061 2		9.89354	10 30
Cos. 51	Cot. 51	Tang 51	Sin. 51	
	11 000. 01	- ang - an	Om. 31	

/ Sin. 38 D	Tang. 38 d c Cot. 38	Cos. 38 D.
30 9.79415	9 90061 0 09920	0 80354 20
31 9.79431	0 90086 20 0 00014	9 89344 10 99
32 9.79447	9.90112 0.09888	9.89334 10 28
33 9.79463	0.00138 0.00869	9.89324 10 27
34 9.79478	0 90164 20 0 00826	9.89314 10 26
35 9.79494	9,90190 20 0,09810	9.89304 10 25
36 9.79510	10 902161 10 09784	9.89294 10 24
37 9.79596	9.90242 20 0.09758	9.89284 10 93
38 9.79542	9.90268 20 0.09732	9.89274 10 22
39 9.79558	9 90294 0 09706	9.89264 10 21
40 9.79573	9.90320 20 0.09680	9.89254 10 20
41 9.79589	9.90346 20 0.09654	9.89244 10 19
42 9.79605	9 90371 0 09629	9.89233 11 18
43 9 79621	9 90397 26 0 09603	9.89223 10 17
44 9.79636	9.90423 26 0.09577	9.89213 10 16
45 9.79652	0 00440 0 00551	9.89203 10 15
46 9.79668	9.90475 20 0.09525	9.89193 10 14
47 9.79684	9.90501 20 0.09499	9.89183 10 13
48 9,79699	9 90527 26 0 09473	9.89173 10 12
40 0 70715	0 00559 20 0 00447	9.89162 11 11
50 9.79731	9.90578 25 0.09422	9.89152 10 10
51 9.79746	9 90604 26 0 09396	9.89142 10 9
59 9.79762	9.90630 20 0.09370	9.89132 10 8
53 9.79778	9,90656 26 0,09344	9.89122 10 7
54 9 79793	0 90689 26 0 09318	9.89112 10 6
55 9 79809 1	9 90708 20 0 09292	9.89101 11 5
56 9.79825	9.90734 26 0.09266	9.89091 10 4
57 9 79840 13	9.90759 25 0.09241	9.89081 10 3
58 9 79856	9 90785 26 0 09215	9.89071 10 2
59 9.79872	9.90811 26 0.09189	9.89060 11 1
60 9.79887	9.90837 26 0.09163	9.89050 10 0
Cos. 51	Cot. 51 Tang. 51	Sin. 51

/ Sin. 39 D.	Tang. 39	Cot. 39	Cos. 39 D.	_
0 9.73887	9.90837	0.09163	9.89050	60
1 0 70003 10	9.90863 2	0.09134	9.89040	59
2 9.79918 15	עסטטעניע.ע	6 0.09111	9.89030	58
2 0 70024 16	9,90914 2	0.09086	9.89020 10	57
4 9 79950	9,90940 2	6 0.09060	0 89000 11	56
5 9.79965 15	9.90966	6 0.09034	9.88999 10	55
16	9	6	10	54
6 9.79981 15	9.90992	6 0.09008	9.88989 11	53
7 9.79996 16	9.91018	0.08982	101	52
8 9.80012 15	9.91043	6 0.08957	9.88968	-
9 9.80027 16	9 910691	6 0.08931	9.88958 10	51
10 9.80043 15	9.91095	6 0.08909	9.88948	50
11119.80058	9.91121	0.08819	9.88937	49
12 9.80074 16	9.91147	0.08853	0 88097	48
13 9.80089 15	9.911 (2)	5 0.08828	9.88917	47
14 9.80105 16	9.91198	0.08802	9.88906	46
15 9.80120 15	9.91224 2	0.08776	9.88896	45
16 9 80136 16	9.91250 2	6 0.08750	9.88886	44
17 9.80151 15	9.91276 2	6 0.08724	9.88875	43
18 9.80166 15		0.08699	9.88865	42
19 9.80182 16	9.91327	6 0.08673	9.88855	41
20 9.80197 15	9.91353	6 0.08647	9.88844	40
16	2	6	10	_
21 9.80213 15	9.91379	0.08621	9.88834 10	39
22 9.80228 16	9.91404	6 0.08990	9.88824	4.7
23 9.80244 15	9.91430	0.08570	9.88813	37
24 9.80259 15		6 0.08544	9.88803 10	36
25 9.80274 16	0 01409	5 0.08518	9.88793	35
1 26 9.30290	9.915071	0.08493	9.88782 10	34
27 9.80305 15	0 01522	0 00467	9.88772	33
28 9 80320 15	9.91559	0 08441	9.88761	32
29 9 80336 16		0 08415	9.88751 10	31
30 9.80351 15	9.91610	0.08390	9.88741 10	30
Cos. 50	Cot. 50	Tang. 50	Sin. 50	_
		0.00		-

1 4 0'- 00	M	
1 Sin. 39 D.	Tang. 39 d c Cot. 39	Cos. 39 D.
30 9.80351	9.91610 0.08390	9 88741 30
31 9.80366 15	9.91636 26 0.08364	9 88730 11 20
32 9.80382 16	9.91662 26 0.08338	9.88720 10 28
33 9.80397 15	26	
115	0.5	9.88709 10 27
116	9.91113 96 0.08281	9.88699 11 26
35 9.80428 15	9.91139 96 0.08201	9.88688 10 25
36 9.80443	19.91765 0.08235	9.88678 10 24
37 9.80458 15	9.91791 26 0.08209	9.88668 11 23
38 9.804 (3)	9.91816 25 0.08184	9.88657 22
39 9.80489 16	9.91842 26 0.08158	9.88647 10 21
40 0 80504 15	9.91868 26 0.08132	9.88636 11 20
41 9.80519 15	9.91893 25 0.08107	9.88626 10 19
42 9.80534	9.91919 26 0.08081	9.88615 11 18
43 9.80550 16	9.91945 26 0.08055	9.88605 10 17
44 9.80565 15	9.91971 26 0.08029	9.88594 11 16
	25	10-
45 9.80580 15	9.91996 26 0.08004	9.88584 11 15
40 9.80090	9.92022 26 0.07978	9.88573 10 14
47 9.80610 15	9.92040 0.01952	9.88503 13
48 9 80625	9.92073 25 0.07927	9.88552 11 12
49 9.80641 16	19,920991-010.07901	9.88542 10 11
50 9.80656 15	9.92125 26 0.07875	9.88531 11 10
51 9.80671 15	9.92150 25 0.07850	9.88521 10 9
52 9.80686 15	9.92176 26 0.07824	9.88510 11 8
53 9.80701 15	9.92202 26 0.07798	9.88499 11 7
	25	
54 9.80716 15	9.92227 26 0.07773	9.88489 11 6
55 9.80 131 15	9.92253 96 0.01747	9.88418
56 9.80746 16	9.92219 0.01721	9.88408
5719.807621	9.92304 0 07696	9.88457 11 3
58 9.80777 15	19.923301-10.07670	9.88447 10 2
59 9.80792 15	119.923561-10.07644	9.88436 11 1
60 9.80807 15	9.92381 25 0.07619	9.88425 11 0
Cos. 50	Cot. 59 Tang. 50	
	a lamigado	

			res		1.0			-
1	Sin. 40	D.	Tang. 40	d c	Cot. 40	Cos. 40	D.	
0	9.80807	15	9.92381		0.07619	9.88425	10	60
1	9.80822	15	9.92407	26	0.07593	9.88415		59
2	9.80837	0.5	9.92433	26	0.07567	9.88404	11	58
3	9.80852	15	9.92458	25	0.07542	9.88394	10	57
	9.80867	15	9.92484	26	0.07516	9.88383	11	56
	9.80882	15	9.92510	26	0.07490	9.88372	11	55
6	9.80897	15	9.92535	25	0.07465	9.88362	10	54
-	9.80912	15	9.92561	26	0.07439	9.88351	11	53
	9.80927	15	9.92587	26	0.07413	9.88340	11	52
-		15		25			10	-
	9.80942	15	9.92612	26	0.07388	9.88330	11	51
	9.80972	15	9.92663	25	0.07337	9.88308	11	50 49
		15		26			10	-
	9.80987	15	9.92689	26	0.07311	9.88298	11	48
	9.81002	15	9.92715	25	0.07285	9.88287	11	47
-	9.81017	15	9.92740	26	0.07260	9.88276	10	46
	9.81032	15	9.92766	26	0.07234	9.88266	11	45
	9.81047	14	9.92792	25	0.07208	9.88255	11	44
17	9.81061	15	9.92817	26	0.07183	9.88244	10	43
	9.81076	15	9.92843	25	0.07157	9.88234	11	42
	9.81091	15	9.92868	26	0.07132	9.88223	II	41
20	9.81106	1000	9.92894	26	0.07106	9.88212	11	40
21	9.81121	15	9.92920		0.07080	9.88201	10	39
22	9.81136	15	9.92945	25 26	0.07055	9.88191	11	38
23	9.81151	15	9.92971		0.07029	9.88180	200	37
24	9.81166	15	9.92996	25	0.07004	9.88169	11	36
	9.81180	14	9.93022	26	0.06978	9.88158	11	35
	9.81195	15	9.93048	26	0.06952	9.88148	10	34
27	9.81210	15	9.93073	25	0.06927	9.88137	11	33
	9.81225	15	9.93099	26	0.06901	9.88126	11	32
	9.81240	15	9.93124	25	0.06876	9.88115	11	31
	9.81254	14	9.93150	26	0.06850	9.88105	Ui	30
	Cos. 49		Cot. 49		Tang. 49			-
				_	6. 43			_

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1	Sin. 40	D.	Tang. 40	d c	Cot. 40	Cos. 40	D.	1
30	9.81254	-	9.93150		0.06850	9.88105		30
31	9.81269	15	9.93175	25	0.06825	9.88094	11	29
32	9.81284	15	9.93201	26	0.06799	9.88083	11	28
33	9.81299	15	9.93227	26	0.06773	9.88072	11	27
34	9.81314	15	9.93252	25	0.06748	9.88061	11	26
35	9.81328	14	9.93278	26	0.06722	9.88051	10	25
_		15	9.93303	25	0.06697	9.88040	11	24
36		15	9.93303	26	0.06671	9.88029	11	23
38		14	9.93354	25	0.06646	9.88018	11	22
-		15	-	26		-	11	_
39	9.81387	15	9.93380	26	0.06620	9.88007	11	21 20
40	9.81402	15	9.93406	25	0.06594	9.87996	11	19
41	9.81417	14	9.93431	26	0.06569	9.87985	10	-
42	9.81431	15	9.93457	25	0.06543	9.87975	11	18
43	9.81446	15	9.93482	26	0.06518	9.87964	11	17
44	9.81461	14	9.93508	25	0.06492	9.87953	11	16
45	9.81475	15	9.93533	26	0.06467	9.87942	11	15
46	9.81490	15	9.93559	25	0.06441	9.87931	ii	14
47	9.81505	-	9.93584		0.06416	9.87920	11	13
48	9.81519	14	9.93610	26	0.06390	9.87909	55	12
49	9.81534	15	9,93636	26	0.06364	9.87898	11	11
50	9.81549	15	9.93661	25	0.06339	9.87887		10
51	9.81563	14	9.93687	26	0.06313	9.87877	10	9
	9.81578	15	9.93712	25	0.06288	9.57866	11	8
	9.81592	14	9.93738	26	0.06262	9.87855	11	7
54		15	9.93763	25	0.06237	9.87844	11	6
55	9.81622	15	9.93789	26	0.06211	9.87833	11	5
56		14	9.93814	25	0.06186	9.87822	11	4
-		15		26	0.06160	9.87811	11	3
	9.81651	14	9.93840	25	0.06135	9.87800	11	2
	9.81665	15	9.93865	26	0.06109	9.87789	11	1
59	9.81680	14	9.93891	25	0.06084	9.87778	11	0
60					Tang. 49	Sin. 49		-
	Cos. 49	-	Cot. 49		Lang. 49	1 01114 49 1	_	

/ Sin. 41 D.	Tang. 41	Cot. 41	Cos. 41	D
0 0 01604	9.93916	0.06084	9.87778	60
1 9 91709 15	9.93942	26 0.06058	0 87767	11 50
2 9.81723 14	9.93967	25 0.06033	9.87756	11 58
2 9 91729 15	9.93993	26 0.06007	9 97745	11 57
4 0 01759 14	9.94018	25 0.05982	9.87734	11 56
5 9.81767 15	9.94044	26 0.05956	9.87723	11 55
14		25	-	11 -
6 9.81781 15	9.94069	26 0.05931	9.87712	11 54
7 9.81796 14 8 9.81810	9.94120	0.05880	9.87690	11 53
15		26		11
9 9.81825 14	9,94146	0.05854	9.87679	11 51
10 9.81839 15	3.34141	0.03829	9.87668	11 50
11 9.81854 14	9.94191	0.05803	9.87657	11 49
12 9.81868 14	9.94222	0.05778	9.87646	11 48
13 9.81882 15	9.94248	0.05752	9.87635	11 47
14 9.81897 14	9.94210	26 0.05727	9.87624	11 46
15 9.81911 15	9.04299	0.05701	9.87613	12 45
16 9.81926 14	9-94524	26 0.05676	9.87601	11 44
17 9.81940 15	9.343300	0.03030	9.87590	11 43
10 0 81055	9-943751	0.05625	9.87579	42
19 9.81969 14	9.944011	0.05599	9.87568	11 41
20 9.81983	9.944201	0.05574	9.87557	11 40
21 9.81998 15	0 94459	0.05548	9.87546	11 39
99 9 82012	9.94477	25 0.05523	9.87535	11 28
23 9.82026 14	9.94503	26 0.05497	9.87524	37
24 9.82041 15	0 04598	25 0.05472	9.87513	11 36
25 0 82055 14	0.04554	26 0.05446	9.87501	12 35
26 9.82069 14	9.94579	25 0.05421	9.87490	11 34
27 9.82084 15	9.94604	25 0.05396	9.87479	11 33
28 9.82098 14	9 94630	26 0.05370	9.87468	11 33
29 9.82112 14	0.04655	25 0.05345	9.87457	11 31
30 9.82126 14	9.94681	26 0.05319	9.87446	11 30
Cos. 48	Cot. 48	Tang. 48	-	100
1 0000 40 1	OUL 40 I	Lang. 40	Jun 40 1	

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'	Sin. 41	D.	Tang. 41	ld c	Cot. 41	Cos. 41	b.	1
30	9.82126	7	9.94681		0.05910	9.87446		30
31	9.82141	15	9.94706	25	0.05204	9.87434	12	29
32	9.82155	14	9.94732	26	0.05268	9.87423	11	28
33	9.82169	14	9.94757	25	0.05943	9.87412	11	27
34		15	9.94783	26	0.05917	9.87401	11	26
35		14	9.94808	25	0.05192	9.87390	11	25
36	9.82212	14	9.94834	26	0.05166	9.87378	12	24
37	9.82226	14	9.94859	25	0.05141	9.87367	11	23
38	9.82240	14	9.94884	25	0.05116	9.87356	11	22
-	9.82255	15	-	26			11	-
	9.82255	14	9.94910	25	0.05090	9.87345	11	21 20
41	9.82283	14	9.94935	26	0.05065	9.87322	12	19
	-	14		25			11	-
100	9.82297	14	9.94986	26	0.05014	9.87311	11	18
43	9.82311	15	9.95012	25	0.04988	9.87300	12	17
-		14	9.95037	25	0.04963	9.87288	11	16
100	9.82340	14	9.95062	26	0.04938	9.87277	11	15
	9.82354	14	9.95088	25	0.04912	9.87266	ii	14
47	9.82368	14	9.95113	26	0.04887	9.87255	12	13
48	9.82382	14	9.95139	25	0.04861	9.87243		12
49	9.82396	14	9.95164	26	0.04836	9.87232	11	11
50	9.82410	14	9.95190	25	0.04810	9.87221		10
51	9.82424	2.7	9.95215		0.04785	9.87209	12	9
52	9.82439	15	9.95240	25 26	0.04760	9.87198	11	8
53	9.82453	14	9.95266		0.04734	9.87187	11	7
54	9.92467	14	9.95291	25	0.04709	9.87175	12	6
55	9.82481	14	9.95317	26	0.04683	9.87164	11	5
56	9.82495	14	9.95342	25	0.04658	9.87153	11	4
57	9.82509	14	9.95368	26	0.04632	9.87141	12	3
20.00	9.82523	14	9.95393	25	0.04607	9.87130	11	2
100	9.82537	14	9.95418	25	0.04582	9.87119	11	1
100	9.82551	14	9.95444	26	0.04556	9.87107	12	0
-	Cos. 48		Cot. 48		Tang. 48	Sin. 48		-
				_			_	

/ Sin. 42	Tong 401	Cot. 42	Cos. 42 1/	7
7 Sin. 42 D.	Tang. 42 d c	COL. 42	Cos. 42 D.	=
0 9.82551 14	9.95444	0.04556	9.87107 11 60	0
1 9.82565 14	9.95469 25	0.04531	9.87096 11 59	9
2 9.82579	9.95495 26	0.04505	9.87085 12 58	8
3 9.82593	9.95520 25	10 94480	0.87073 57	7
4 0 82607 14	9.95545 25	0.04455	9.87062 11 56	6
5 9.82621 14	9.95571 26	0.04429	9.87050 12 5	
	9.95596 25	0.04404	9.87039 11 54	all
6 9.82635 14	9.95622 26	0.04378	0 07028 11 5	
7 9.82649 14	9.95647 25	0.04353	9.87016 12 5	
8 9,82663	2.5		11	-
9 9.82677 14	9.95672	0.04328	9.87005 12 5	-
10 9.82691 14	9.95098	0.04304	9.86993 11 50	
11 9.82705 14	9.95723 25	U.U.Z.	9.86982 12 49	- 1
12 9.82719 14	9.95748	0.04252	9.86970 11 48	
13 9.82733 14	9.95774 25	10.04220	9.86959 12 4	
14 9.82747	9.95 (99)	0.04201	9.86947	6
15 9.82761 14	9.95825	10.04.175	9.86936 12 4	5
16 9.82775	9.95850		19.86924	4
17 9.82788 13	9.95875	0.04123	9.86913 11 4	3
18 9.82802 14	9.95901	0.04099	9.86902 11 4	2
19 9.82816 14	0 05026 2	0.04074	9.86890 12 4	1
20 9.82830 14	9.95952	0.04048	9.86879 11 4	0
21 9.82844 14	9.95977	0.04023	9.86867 12 3	0
22 9.82858 14	9.96002	0.03998	9.86855 12 3	c II
23 9.82872 14	9.96028 2	0.03972	9.86844 11 3	
13	2	5	9.86832 12 3	-1
24 9.82885 14	9.96053	0.03947	9.86821 11 3	
25 9.82899	9.96078		9.86809 12 3	
26 9.82913 14	9.96104	5	11	~
27 9.82927	9.96129	0.03871	9.86798 19 3	0.1
28 9.82941 14	9.96155	0.03845	9.80180 113	
29 9.82955	9.96180	0.03820	9.86775 19 3	C 1
30 9.82968	9.96205	0.03795	9.86763	0
Cos. 47	Cot. 47	Tang. 47	Sin. 47	

/ Sin. 42 D.	Tang. 42	d. Cot. 42	Cos. 42 D.	_
20 0 00000	0 06905	0.02705	9.86763	30
21 0 00000 14	0 00001	26 0 02760	9.86752 11	29
32 9.82996 14	9.96256	25 0.03744	9.86740	28
14	9.96281	25 0.03719	9.86728	27
33 9.83010 13 34 9.83023 13	0 06907	20 0 03603	0 96717	26
CENTRAL ANDRES 4	9.96332	25 0.03668	9.86705	25
14	-	25		_
36 9.83051 14	9.96357	26 0.03643	9.86694 12	24
37 9.83065 13	9.96383	25 0.03617	9.86682 12	23
38 9.83078 14	9.96408	25 0.03592	9.86670	22
39 9.83092 14	9.96433	0.03567	9.86659 12	21
40 9.83106 14		0.03541	9.86647 19	20
41 9.83120 13	9.96484	26 0.03516	9.86635	19
40 0 02122	0 06510	10.03490	9.86624 12	18
43 9.83147		25 0.03465	9.86612 12	17
44 9.83161 14	19,965601	10.03440	9.86600	16
45 9.83174	0 66586	26 0.03414	4 86584	15
46 0 02100 14	9.96611	25 0.03389	9.86577 12	14
47 9.83202	9.96636	25 0.03364	9.86565	13
40 0 92215 13	9.96662	26 0.03338	9.86554	12
40 0 00000 14	9.96687	25 0 03313	9 86549 12	11
50 9 83242 13	9.96712	25 0.03288	9.86530 12	10
4	9.96738	26 0.03262	9.86518	9
51 9.83256 14	9.96763	25 0.03237	0 86507	8
52 9.83270 13	9.96788	25 0.03212	9.86495 12	7
14	-	26	9.86483	6
54 9.83297 13	9.96814	25 0.03186	9.86472	5
55 9.83310 14	9.96839	25 0.03101	9.86460 12	4
56 9.83324	-	26	12	-
57 9.83338 12	9.96890	25 0.03110	9.86448 12	3 2
58 9.83331	9.96915	95 0.03085	9.80430	2
59 9.83365	9.96940	96 0.03000	9.86425 12	1
60 9.83378	9.96966	0.03034	9.86413	-0
Cos. 47	Cot. 47	Tang. 47	Sin. 47	

0 9.83378 14 9 9.83392 13 9 9.83405 14 9 9 9.83405 14 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Fang. 43 0.96966 0.97016 0.970016 0.970042 0.970092 0.970092 0.02984 0.02984 0.02984 0.02983 0.02983 0.02983 0.02983 0.02882 0.02882 0.02882 0.02882	9.86366 12 56 9.86354 12 55 9.86342 12 54
10 9.83513 14 11 9.83527 12 9.83540 13 9.83554 14 9.83567	9.97193 25 0.02807 9.97219 25 0.0273 9.97244 25 0.0273 9.97320 25 0.0268 9.97321 25 0.0265 9.97342 25 0.0252 9.97421 9.97421 25 0.0263 9.97523 25 0.0263 9.97523 25 0.0245 9.97523 25 0.0245 9.97523 25 0.0245 9.97523 25 0.0245 9.97523 25 0.0245 9.97523 25 0.0245 9.97664 9.97100 25 0.0235 9.97664 9.97100 25 0.0235 9.97100 25 0.023	9,86295 12 49 9,86283 12 48 19,86287 12 47 19 12 12 12 12 12 12 12 12 12 12 12 12 12

-	-			_
1 Sin. 43 D	Tang. 43 d	Cot. 43	Cos. 43	0.1_'
30 9.83781	0 07795	0.00075	9 86056	20
31 9.83795	0 07750 2	0 00000	0 86044	2 00
32 9.83808	9.97776	0 02224	9.86032	2 28
33 9.83821	0 07901	0.09100	9.86020	2 -
34 9.83834	0 07996 25	0.00174	0 96000	2 27 26
35 9.83848 14	9.97851 25	0.02140	9.85996	2 25
36 9.83861	9 97977 26	0.00100		2 -
37 9.83874 13	9.97909 25	a agano	9.85984	2 24
38 9.83887 13	9.97927 25	0.02098	9.85972	2 23
39 9.83901 14	26			2 22
40 9.83914 13	9.97953 25	0.02047	9.85948	2 21
41 9.83927 13	9.98003 25	0.02022	9.85936	2 20
13	26		9.85924	2 19
42 9.83940 14	9.98029 25	0.01971	9.85912	2 18
44 9.83967 13	9.98054 25	0.01946	9.85900	2 17
13	9.98079 25	0.01921	9.85888	116
45 9.83980	9.98104 26	0.01896	9.85876	1151
10 9.83993 12	9.98130 95	0.01870	9.85864	
21 3.84000	9.98155 25	0.01845	9.858511	1131
48 9.84020	9.98180 26	0.01820	9.85839	119
49 9.04033	9.98206 25		9.85827	111
50 9.84046 13	9.98231	0.01769	9.85815	1101
51 9.84059	9.98256 25	0.01744	9.85803	0 1
52 9.84072 13	9.98281 25		9.85791 12	8
53 9.84085 13	9.98307 26	0.01693	9.85779 12	7
54 9.84098 13	9.98332 25	0.01668	9.85766	6
55 9.84112 14	9.98357 25		9.85754 12	
56 9.84125 13	9.98383 26		9.85742 12	4
57 9.84138 13	9.98408 25		9.85730	_
58 9.84151 13	9.98433 25		9.85718 12	2 2
59 9.84164 13	9.98458 25		9.85706	1
60 9.84177 13	26		9.85693	ô
Cos. 46			Sin. 46	-
	10 1	- mile. 40 []	01111 40 1	-

						_	_	-	4
11	Sin. 44	p. -	ang. 44		Cot. 44	Cos. 4	D.	-	1
===	04177	10	.98484	d c	0.01516	9.8569	13 12	60	1
	04100	13 6	98509	25	0.01491	9.8568	1 12		
	0 84203	13	.98534	25	0.01466	9.8566	12	158	1
-	_	13 -	9.98560	26	0.01440	9.8565	7 12	5.7	
-	9.84216		9.98585		0.01415	9.8564			1
- 1	9.84229		9.98610		0.01390	9.856	32 12	15.5	
-	-	13 .		DE.	0.01365	9.856	0.0	154	ill
- 1	9.84255		9.98635	26	0.01339	9.856	00	20.5	
	9.84269		9.98686	25	0.01314	9.855	96	153	2
	9.84282	13		25	0.01289	9.855	83 13	1 20	īl
	9.84295		9.98711	26	0.01263	9.855	7 . 4.	5	- 18
10	9.84308		9.98737	95	0.01238	9.855	59	4	
11	9.84321	13		25	_	-	47	14:1	-
12	9.84334	11311	9.98787	25	0.01213	11	94	3 4	- 11
13	9.84347	13	9.98812	26	0.01162	11	22 '	4	211
14	9.84360	13	9.98838	25				2 -	- 1
15	9.84373	12	9.98863	95	0.01137		07		4
16		13	9.98888	95	0.01114				3
17	9.84398	13	9.98913	26	0.0100	-		2 -	-
18	9.84411	13	9.98939	25	0.01001			361	2
19		13	9.98964	95	0.0109			21	0
20	9.84437	13	9.98989	26	0.0101	-	_	2 -	-
21	9.84450	13	9.9901	25	0.0098			261	9
22	9.84463	13	9.9904	9:	0.0030				18
23	9.84476		9.9906	5 2	0.0034		_	2 -	_
24	9.8448	13	9.9909	0	0.0091			321	36
25		113	9.9911	6 2	0.0000		380	2	35
20		13	9.9914	11	1 0.0000	9 9.85	374	13 -	34
2	9.8452	13	9.9916	6 2	0.0083		361	19	33
2		0 12	9.9919	1 2	0.0080		349	19	32
2		2 13	9.9921		- 0.0010		337	12	31
3			9.9924	2 2	0.0013		_		30
1	Cos. 45		Cot 4	5	Tang.	Sin.	45	1.1	

/ Sin. 44 D.	Tang 44 d c Cot. 4.	Cos. 44 D. /
30 9.84566 13	9.99242 25 0.0075	0 0 05 294 20
31 9.84579 13	9 99267 26 0.0073	
32 9.84592 13	9.99293 25 0.0070	7 9.85299 13 28
33 9.84605 13	9.99318 25 0.0068	0 0 0 0 0 0 0 0 0 0 0 0
34 9.84618 13	9.99343 25 0.0965	7 9.85274 13 26
35 9.84630 13	9.99368 26 0.0063	2 9.85262 12 25
96 0 94642	0 00204 0 0060	6 0 05950 94
37 9.84656 13	9.99419 25 0.0058	
38 9.84669 13	9.99444 25 0.0055	6 9.85225 13 22
39 9.84682 12	9.99469 26 0.0053	9.85212 12 21
40 9.84694 13	9.99495 25 0.0050	
41 9.84707 13	9.99520 25 0.0048	0 9.85187 12 19
42 9.84720 13	9.99545 25 0.0045	5 9.85175 13 18
43 9.84 133 19	9.99570 26 0.0043	0 9.85162 12 17
44 9.84745 13	9.99596 25 0.0040	4 9.85150 13 16
45 9.84758 13	9.99621 25 0.0037	9 9.85137 12 15
46 9.84771 13	9.99646 26 0.0035	4 9.85125 13 14
47 9.84784 12	9.99672 25 0.0032	8 9.85112 13
48 9.84796 19	9.99697 35 0.0030	3 9.85100 13 12
49 9.84809 13	9.99722 25 0.0027	8 9.85087 19 11
50 9.84822 13	9.99747 26 0.0025	3 9.85074 12 10
51 9.84835	9.99773 25 0.0022	7 9.85062 19 9
52 9.84841 13	9.99798 25 0.0020	2 9,85049 19 8
53 9.84860	9.99823 25 0.0017	7 9.85037 7
54 9.84873 19	9.99848 96 0.0015	2 9.85024 19 6
35 9.84885 19	9.99874 95 0.0012	6 9.85012 19 5
50 9.84898	9.99899 25 0.0010	1 9.84999 13 4
57 9.84911	9.99924 25 0.0007	6 9.84986 3
38 9.84923 13	9.99949 96 0.0005	1 9.849 14 12 2
99 9.84930 13	9.99975 25 0.0002	5 9.84901 19 1
	0.00000	0 9.84949 0
1 Cos. 45	Cot. 45 Tang. 4	5 Sin. 45

Auflösung der Gleichungen vom 2. und 3. Grade burch Balfe ber Trigonometrie.

Bleichungen vom 2. Grabe. X2 + px = q x2 - px == q Auftejung. Tang. $A = \frac{3}{n} \sqrt{q}$ Tang. $A = \frac{1}{n} \sqrt{q}$ 1) z = Tang. | A \square

2)
$$x = -Cotg.$$
 A \sqrt{q}
 $x^2 + px = -q$

$$x^{3} + px = -q$$

$$x + px = -q$$

$$x + px = -q$$

$$x + px = -q$$

$$x + px = -q$$

$$x + px = -q$$

$$x + px = -q$$

1)
$$x = -Tang$$
. A \sqrt{q}
2) $x = -Cots$. A \sqrt{q}

Tang.
$$A = \frac{1}{p} \sqrt{q}$$

1) $x = -$ Tang. $\frac{1}{2} A \sqrt{q}$
2) $x =$ Cotg. $\frac{1}{2} A \sqrt{q}$

 $x_3 - bx = -d$

Auflösung.
Sin. A =
$$\frac{1}{p}\sqrt{q}$$

1)
$$x = \text{Tang.} \frac{1}{4} \text{ A } \sqrt{q}$$

2) $x = \text{Cotg.} \frac{1}{4} \text{ A } \sqrt{q}$

Gleichungen vom 3. Grabe.

$$\begin{array}{c} x^{2} + px + q = 0 \\ \text{Muffigurg.} \end{array}$$

$$\text{Tang. B} = \frac{p}{sq} \cdot 2\sqrt{\frac{1}{2}} p$$

$$\text{Tang. A} = \sqrt{\frac{1}{2}} \text{Tang. 4} = \sqrt{\frac$$

Sin. B
$$= \frac{P}{2} \cdot 2 \sqrt{\frac{1}{2}} p$$

Tang. A $= \sqrt[4]{\text{Tang. } \frac{1}{2}} B$
 $x = -\frac{2}{2} \sqrt[4]{\frac{1}{2}} p$

Tang. B =
$$\frac{p}{2q} \cdot 2\sqrt{\frac{1}{2}} p$$

Tang. A = $\sqrt[4]{Tang. \frac{1}{2}} B$
x = Cotg. 2A. $2\sqrt{\frac{1}{2}} p$

$$x^3 - \mu x - q = 0$$

Cf fei 4 p³ < 27 q²
Xuftöfung.

Sin. B.
$$=\frac{P}{sq} \cdot 2\sqrt{\frac{1}{3}} p$$

Tang. A $=\sqrt[4]{Tang. \frac{1}{3}} B$

Sin. 2 A x ift bie einzige reelle Burgel.

Der irreductible Kall.

Sin. 8 A =
$$\frac{1}{p}$$
 · $\frac{2\sqrt{3}p}{2\sqrt{3}p}$
1) x = Sin. A. $2\sqrt{1}p$

1)
$$x = \sin A \cdot 2 \sqrt{\frac{1}{4}} p$$

2) $x = 8 \cdot (60^{\circ} - A) \cdot 2 \sqrt{\frac{1}{4}} p$

$$\begin{array}{c} 2) x = 8. (600 - A) \cdot 2 \sqrt{1} p \\ 8) x = -8. (600 + A) \cdot 2 \sqrt{1} p \end{array}$$

1)
$$x = -\sin A \cdot 2\sqrt{1} p$$

2) $x = -8 \cdot (60^{\circ} - A) \cdot 2\sqrt{1} p$
3) $x = \sin \cdot (60^{\circ} + A) \cdot 2\sqrt{1} p$

Quadrate und Cubi

aller ganzen Zahlen

von 1 - 1000

unb

Quadrat: und Cubifwurzeln

aller ganzen Zahlen von 1—100.

	Quadrate aller ganzen Zahlen von 1 — 1000							
N	Ű	100	200	300	400			
0	0	10000	40000	90000	160000			
1	1	10201	40401	90601	160801			
2	4	10404	40804	91204	161604			
8	9	10609	41209	91809	162409			
4	16	10816	41616	92416	163216			
5	25	11025	42025	93025	164025			
6	36	11236	42436	93636	164836			
7	49	11449	42849	94249	165649			
8	64	1166 4	43264	94864	166464			
9	81	11881	43681	95481	167281			
10	100	12100	44100	96100	168100			
11	121	12321	44521	96721	168921			
12	144	12544	44944	97844	169744			
13	169	12769	45369	97969	170569			
14	196	12996	45796	98596	171396			
15	225	13225	46225	99225	172225			
16	256	18456	46656	99856	178056			
17	289	18689	47089	100489	173889			
18	824	18924	47524	101124	174724			
19	861	14161	47961	101761	175561			
20	400	14400	48400	102400	176400			
21	441	14641	48841	I03041	177241			
22	484	14884	49284	103684	178084			
23	529	15129	49729	104329	178929			
24	576	15876	50176	104976	179776			
25	625	15625	50625	105625	180625			
26	676	15876	51076	106276	181476			
27	729	16129	51529	106929	182329			
28	784	16384	51984	107584	18318 4			
29	841	16641	52441	108241	184041			
80	900	16900	52900	108900	184900			
81	961	17161	53361	109561	185761			
82	1024	17424	53824	110224	18662 4			
88	1089	17689	54289	110889	187489			
84	1156	17956	54756	111556	188356			

Quadrate aller ganzen Bahlen von 1 — 1000						
N	0	100	200	300	400	
85	1225	18225	55225	112225	189225	
86	1296	18496	55696	112896	190096	
87	1369	18769	56169	113569	190969	
38	1444	19044	56644	114244	191844	
89	1521	19821	57121	114921	192721	
40	1600	19600	57600	115600	193600	
41	1681	19881	58881	116281	194481	
42	1764	20164	58564	116964	195364	
43	1849	20449	59049	117649	196249	
44	1936	20786	59536	118336	197136	
45	2025	21025	60025	119025	198025	
46	2116	21816	60516	119716	198916	
47	2209	21609	61009	120409	199809	
48	2304	21904	61504	121104	200704	
49	2401	22201	62001	121801	201601	
50	2500	22500	62500	122500	202500	
51	2601	22801	63001	123201	203401	
52	2704	28104	63504	123904	204804	
58	2809	23409	64009	124609	205209	
54	2916	28716	64516	125816	206116	
55	8025	24025	65025	126025	207025	
56	3136	24336	65536	126736	207936	
57	3249	24649	66049	127449	208849	
58	3364	24964	66564	128164	209764	
59	3481	25281	67081	128881	210681	
60	3600	25600	67600	129600	211600	
61	8721	25921	68121	130321	212521	
62	3844	26244	68644	131044	213444	
63	3969	26569	69 169	131769	214369	
64	4096	26896	69696	132496	215296	
65	4225	27225	70225	133225	216225	
66	4356	27556	70756	133956	217156	
67	4489	27889	71289	134689	218089	
68	4624	28224	71824	135424	219024	
69	4761	28561	72361	136161	219961	

Quadrate aller ganzen Jahlen von 1 — 1800							
N	U	100	200	300	400		
io	4900	28900	72900	136900	220900		
71	5041	29241	78441	137641	221841		
72	5184	29584	73984	138384	222784		
78	5329	29929	74529	139129	223729		
74	5476	30276	75076	139876	224676		
75	5625	80625	75625	140625	225625		
76	5776	30976	76176	141376	226576		
77	5 929	31329	76729	142129	227529		
78	6084	3168 4	77 284	142884	228484		
79	6241	82041	77841	143641	229441		
80	6400	32400	78400	144400	280400		
81	6561	32761	78961	145161	231361		
82	6724	38124	7952 4	145924	232324		
88	6889	33489	80089	146689	233289		
84	7056	33856	80656	147456	284256		
85	7225	84225	81225	148225	235225		
86	7896	34596	81796	148996	236196		
87	7569	34969	82369	149769	287169		
88	7744	35844	829 44	150544	238144		
89	7921	85721	83521	151321	239121		
90	8100	36100	84100	132100	240100		
91	8281	36481	84681	152881	241081		
92	8464	36864	85264	153664	242064		
93	8649	87249	85849	154449	243049		
94	8836	27626	86436	155236	244036		
95	9025	38025	87025	156025	245025		
96	9216	88416	87616	156816	246016		
97	9409	38809	88209	157609	247009		
98	9604	39204	88804	158404	248004		
99	9801	39601	89401	159201	249001		

Quadrate aller ganzen Zahlen von 1 — 1000							
N	500 600 700 800 9						
0	250000	360000	490000	640000	810000		
1	251001	361201	491401	641601	811801		
2	252004	362404	492804	643204	813604		
3	253009	363609	494209	644809	815409		
4	254016	364816	495616	646416	817216		
5	255025	366025	497025	648025	819025		
6	256036	367236	498436	649636	820836		
7	257049	368449	499849	651249	822649		
8	258064	369664	501264	652864	824464		
9	259081	370881	502681	6544 81	826281		
10	260100	872100	504100	656100	828100		
11	261121	373321	505521	657721	829921		
12	262144	3745 44	5069 44	659344	831744		
13	263169	875769	508369	660969	833569		
14	264196	376996	5097 96	662596	835396		
15	265225	378225	511225	664225	837225		
16	266256	379456	512656	665856	839056		
17	267289	380689	514089	667489	840889		
18	268324	381924	515524	669124	842724		
19	269361	383161	516961	670761	844561		
20	270400	384400	518400	672400	846400		
21	271441	385641	519841	674041	848241		
22	272484	386884	52128 4	675684	850084		
23	278529	388129	522729	677329	851929		
24	274576	389376	524176	678976	853776		
25	275625	390625	525625	680625	855625		
26	276676	391876	527076	68227 6	857476		
27	217729	39 3129	528529	683929	859329		
28	278784	394384	5 29984	68558 4	861184		
29	279841	395641	531441	687241	863041		
80	280900	396900	532900	688900	864900		
81	281961	398161	534361	690561	866761		
82	283024	399424	535824	692224	868624		
38	284089	400689	537289	693889	870489		
84	285156	401956	538756	695556	872356		

	Quadrat	e aller gan	gen Bahler	1 DOR 1	1000
N	500	600	700	800	908
35	286225	403225	540225	697225	874225
36	287296	401496	541696	698896	876096
87	288369	405769	543169	700569	877969
38	289444	407044	544644	702244	879844
89	290521	408821	546121	703921	881721
40	291600	409600	547600	705600	883600
41	292681	410881	549081	707281	885481
42	293764	412164	5505 64	708 964	887364
43	294849	413449	55 2049	710649	889249
44	295986	414786	558536	712336	891136
45	297025	416025	555025	714025	893025
46	298116	417316	556516	715716	894916
47	299209	418609	558009	717409	896809
48	300304	419904	559504	719104	898704
49	301401	421201	561001	720801	900601
50	302500	422500	562500	722500	902500
51	303601	423801	564001	724201	904401
52	304704	425104	565504	725904	906304
53	805809	426409	567009	727609	908209
54	306916	437716	568516	729316	910116
55	308025	429025	570025	731025	912025
56	309136	430336	571536	782786	913936
57	310249	431649	573049	78 444 9	915849
58	311364	432964	574564	736164	917764
59	312481	484281	576081	737881	919681
60	813600	485600	577600	739600	921600
61	814721	486921	579121	741821	923521
62	315844	438244	580644	743044	925444
68	316969	439569	582169	744769	927369
64	318096	440896	583696	746496	929296
65	319225	442225	585225	748225	931225
66	32 0356	443556	586756	749956	933156
67	821489	444889	588289	751689	985089
68	822624	446224	589824	758424	987024
••	323 761	447561	591361	755161	938961

	Quadrai	te aller gar	izen Bahler	t bon 1 :	1000
N	500	600	700	800	900
70	824900	448900	592900	756900	940900
71	826041	450241	59 444 1	758641	942841
72	827184	451584	59598 4	760384	944784
78	328329	452929	5975 29	762129	946729
74	829476	454276	599076	763876	948676
75	330625	455625	600625	765625	950625
76	831776	456976	602176	767376	952576
77	33292 9	458829	603729	769129	954529
78	334084	459684	605284	770884	956484
79	835241	461041	606841	772641	958441
80	336400	462400	608400	774400	960400
81	337561	468761	609961	776161	962361
82	338724	465124	611524	777924	964324
88	339 889	466489	613089	779689	966289
84	841056	467856	614656	781456	968256
85	842225	469225	616225	783225	970225
86	343396	470596	617796	78 49 96	972196
87	844569	471969	619369	786769	974169
88	845744	478844	620944	7885 44	9761 44
89	846921	474721	622521	790321	978121
. 90	348100	476100	624100	792100	980100
91	849281	477481	625681	798881	982081
92	850464	478864	627264	795664	984064
98	851649	480249	628849	797449	986049
94	352836	481686	630436	799286	988036
95	854025	483025	682025	801025	990025
96	355216	484416	633616	802816	992016
97	356409	485809	685209	804609	994009
98	857604	487204	686804	806404	996004
99	258801	488601	688401	808201	998001

I		Cub	i aller gan	zen Zahlen	von 1 — 10	000
ľ	N	0	100	200	300	400
Г	0	0 1	1000000	8000000	27000000	64000000
1	1	1	1030301	8120601	27270901	64481201
ľ	2	8	1061208	8242 4 08	27543608	64964808
ı	8	27	1092727	8365427	27818127	65450827
ı	4	64	1124864	8489664	28094464	65939264
L	5	125	1157625	8615125	28372625	66430125
1	6	216	1191016	8741816	28652616	66923416
ı	7	343	1225043	8869743	28934443	67419143
ł	8	512	1259712	8998912	29218112	67917312
1	9	729	1295029	9129329	29508629	68417929
ı	10	1000	1881000	9261000	29791000	68921000
ı	11	1331	1367631	9393931	30080231	69426531
ı	12	1728	1404928	9528128	30371328	69934528
ı	13	2197	1442897	9663597	30664297	70444997
ı	14	2744	1481544	9800344	80959144	70957944
1	15	3375	1520875	9938375	31255875	71473375
1	16	4096	15608 96	10077696	31554496	71991296
ı	17	4913	1601613	10218313	31855013	72511713
ı	18	5832	1643032	10360232	32157432	73034632
ı	19	6859	1685159	10503459	82461759	73560059
Ì	20	8000	1728000	10648000	32768000	74088000
	21	9261	1771561	10793861	33076161	74618461
ı	22	10648	1815848	10941048	33386248	75151 44 8
ı	23	12167	1860867	11089567	33698267	75686967
ı	24	13824	1906624	11239424	34012224	76225024
ı	25	15625	1953125	11390625	34328125	76765625
ı	26	17576	2000376	11543176	84645976	77808776
ı	27	19683	2048383	11697083	34965783	77854483
ı	28	21952	2097152	11852352	352 87552	78402752
I	29	24389	2146689	12008989	85611289	78953589
I	80	27000	2197000	12167000	35937000	7950700U
1	81	29791	2248091	12326391	36264691	80062991
ı	32	32 768	2299968	12487168	36594368	80621568
ı	83	85987	2852687	12649337	86926037	81182737
L	84	39304	2406104	12812904	87259704	81746504
-	_					

	En	bi aller 90	inzen Zahlei	1 von 1 — 1	.000
N	0	100	200	300	400
85	42875	2460375	12977875	37595375	82312875
36	46656	2515456	13144256	37933056	82881856
37	50653	2571353	13312053	38272753	83453453
38	54872	2628072	13481272	38614472	84027672
39	59319	2685619	13651919	38958219	84604519
40	64000	2744000	13824000	39304000	85184000
41	68921	2803221	13997521	39651821	85766121
42	74088	2863288	14172488	40001688	86350888
43	79507	2924207	14348907	40353607	86938307
44	85184	2985984	14526784	40707584	87528384
45	91125	3048625	14706125	41063625	88121125
46	97836	3112136	14886936	41421736	88716536
47	103823	3176523	15069223	41781923	89314623
48	110592	3241792	15252992	42144192	89915392
49	117649	3307949	15438249	42508549	90518849
50	125000	3375000	15625000	42875000	91125000
51	132651	3442951	15813251	43243551	91733851
52	140608	3511808	16003008	43614208	92845408
53	148877	3581577	16194277	43986977	92959677
54	157464	865226 4	1638706 4	44861864	93576664
55	166375	8723875	16581375	44738875	94196375
56	175616	2796416	16777216	45118016	94818816
57	185193	8869893	16974593	45499293	95443993
58	195112	3944312	17173512	45882712	96071912
59	205379	4019679	17373979	46268279	96702579
60	216000	4096000	17576000	46656000	97336000
61	226981	4173281	17779581	47045881	97972181
62	238328	4251528	17984728	47437928	98611128
63	250047	4330747	18191447	47832147	99252847
64	262144	4410944	18399744	48228544	99897344
65	274625	4492125	18609625	48627125	100544625
66	287496	4574296	18821096	49027896	101194696
67	300763	4657463	19034163	49430863	101847563
68	314482	4741632	19248832	49836032	102503232
69	828509	4826809	19465109	50243409	103161709
L					

N	0	100	200	300	400
70	343000		19683000	50653000	103823000
71	357911	5000211	19902511	51064811	104487111
72	373248	5088448	20123648	51478848	105154048
78	389017	5177717	20346417	51895117	105823817
74	405224	5268024	20570824	52313624	106496424
75	421875	5359375	20796875	52184875	107171875
76	438976	5451776	21024576	58157876	107850176
77	456533	5545233	21253933	53582633	108531333
78	414552	5639752	21484952	54010152	109215352
79	493039	5785339	21717639	54439939	109902289
80	512000	5832000	21952000	54872000	110592000
81	581441	5929741	22188041	55306341	111284641
82	551368	6028568	22425768	55742968	111980168
83	571787	6128487	22665187	56181887	112678587
84	592704	622950 1	22906304	56623104	113379904
85	614125	6331625	28149125	57066625	114084125
86	636056	6434856	23393656	57512456	114791256
87	658508	6539203	23639903	57960608	115501303
88	681472	6644672	28887872	58411072	116214272
89	704969	6751269	24187569	58863869	116930169
90	729000	6859000	24389000	59319000	117649000
91	753571	6967871	24642171	59776471	118879771
92	778688	7077888	24897088	60236288	119095488
93	804357	7189057	25158757	60698457	119823157
94	830584	7 3 01 384	25412184	61162984	120553784
95	857375	7414875	25672875	61629875	121287375
96	884736	7529536	25934886	62099186	122028936
97	912673	7645373	26198073	62570778	122763473
98	941192	7762392	26463592	63044792	128505992
99	970299	7880599	26730899	68521199	124251499

	Cul	i aller gar	zen Zahlen	pon 1 — 16	000
N	500	600	700	800	900
0	125000000	216000000	343000000	512000000	729000000
ì	125751501	217081801	3444 72101	518922401	731432701
2	126506008	218167208	3459484 08	515849608	733870808
8	127268527	219256227	347428927	517781627	736314327
4	128024064	220348864	348913664	519718 464	788763264
<u> </u>	128787625	221445125	250402625	521660125	741217625
	129554216	222545016	351895816	523606616	748677416
6	120322843	223648548	858898243	525557948	746142643
7	131096512	224755712	254894912	527514112	748613812
8	131872229	225866529	256400829	529475129	751089429
l'					
10	132651000	226981000	857911000	531441000	758571000
11	133432831	228099131	859425431	588411731	756058031
12	134217728	229220928	860944128	535387328	758550528
13	185005697	230346397	862467097	587867797	761048497
14	135796744	231475544	863 99 4 3 44	5 893 531 44	7635519 44
15	186590875	232608375	865525875	541343375	766060875
16	137388096	232744896	367061696	543338496	768575296
17	128188413	234885113	368601813	545238513	771095213
18	138991832	236029032	270146232	547343432	773620632
19	139798859	237176659	371694959	549353259	776151559
_					
20	140608000	238328000	878248000	551368000	778688000
21	141420761	239483061	374805361	553387661	781229961
22	142236648	240641848	376367048	555412248	783777448
28	143055667	241804367	277933067	557441767	786330467
24	143877824	242970624	879503424	559476224	788889024
25	144703125	244140625	381078125	561515625	791453125
26	145531576	245314376	382657176	563559976	794022776
27	146363183	246491883	384240588	565609288	796597983
28	147197952	247673152	385828352	567663552	799178752
29	148035889	248858189	387420489	569722789	801765089
=	*******	250047000	389017000	571787000	804857000
30	148877000	250047000	390617891	573856191	806954491
81	149721291	251239591	392223168	575930368	809557568
32	150568768	252435968	393832837	578009537	812166237
33	151419487	253636137			814780504
34	152273304	254840104	373710701	300.33104	012190904

	Cub	i aller gan	zen Zahlen 1	pon 1 — 10	00
N	500	600	709	800 ¹	900
35	153130375	256047875	397065375	582182875	817400375
26	153990656	25 7259456	398688256	584277056	820025856
37	154854158	258474853	400315558	586376258	822656953
38	155720872	259694072	401947272	588480472	825293672
39	156590819	260917119	403583419	590589719	827936019
40	157464000	262144000	405224000	592704000	830584000
41	158340421	263374721	406869021	594823321	833237621
42	159220088	264609288	408518488	596947688	835896888
43	160103007	265847707	410172407	599077107	838561807
44	160989184	267089984	411830784	601211584	841232384
45	161878625	268336125	413493625	603351125	843908625
46	162771336	269586136	415160936	605495736	846590536
47	163667328	270840023	416832723	607645423	849278123
18	164566592	272097792	418508992	609800192	851971392
49	165469149	278359449	420189749	611960049	854670349
50	166875000	274625000	421875000	614125000	857375000
51	167284151	275894451	423564751	616295051	860085351
52	168196608	277167808	425259008	618470208	862801408
53	169112377	278445077	426957777	620650477	865523177
54	170031464	279726264	428661064	622835864	868250664
55	170953875	281011375	430368875	625026375	870983875
56	171879616	282300416	432081216	627222016	873722816
57	172808693	283593393	433798093	629422798	876467493
58	173741112	284890312	435519512	631628712	879217912
59	174676879	286191179	437245479	633839779	881974079
60	175616000	287496000	438976000	636056000	884736000
61	176558481	288804781	440711081	638277381	887503681
62	177504328	290117528	442450728	640503928	890277128
63	178453547	291434247	444194947	642785647	893056347
64	179406144	292754944	445943744	644972544	895841344
65	180362125	294079625	447697125	647214625	898632125
66	181321496	295408296	449455096	649461896	901428696
67	182284268	296740968	451217663	651714363	904231063
68	183250432	298077632	452984832	653972032	907039282
69	184220009	299418809	454756609	656234909	909858209

Quabrat u. Cubicwurzeln aller ganzen Jahlen von 1 — 100									
N	√N	∛N ∣	N	√N	∛N				
1 1	1,0000000	1,0000000	36	6,0000000	8,3019272				
2	1.4142136	1,2599210	37	6,0827625	3,3322218				
3	1,7320508	1,4422496	38	6,1644140	3,3619754				
4	2,0000000	1,5874011	39	6,2449980	3,3912114				
5	2,2360680	1,7099759	40	6,3245553	3,4199519				
6	2,4494897	1,8171206	41	6,4031242	3,4482172				
7	2,6457518	1,9129312	42	6,4807407	3,4760266				
8	2,8284271	2,0000000	43	6,5574385	3,5033981				
9	8,0000000	2,0800838	44	6,6332496	3,5803483				
10	8,1622777	2,15 4434 7	45	6,7082089	3,5568933				
11	3,3166248	2,2239801	46	6,7823300	3,5830479				
12	8,4641016	2,2894286	47	6,8556546	3,6088261				
13	8,6055513	2,3513347	48	6,9282032	8,6842411				
14	3,7416574	2,4101422	49	7,0000000	3,6593057				
15	3,8729838	2,4662121	50	7,0710678	3,6840314				
16	4,0000000	2,5198421	51	7,1414284	3,7084298				
17	4,1231056	2,5712816	52	7,2111026	8,7325111				
18	4,2426407	2,6207414	58	7,2801099	3,7562858				
19	4,3588989	2,6684016	54	7,3484692	3,7797631				
20	4,4721 36 0	2,7144177	55	7,4161985	3,8029525				
21	4,5825757	2,7589243	56	7,4833148	3,8258624				
22	4,6904158	2,8020393	57	7,5498344	3,8485011				
23	4,7958815	2,8438670	58	7,6157731	3,8708766				
24	4,8989795	2,88 44 991	59	7,6811457	3,89 299 65				
25	5,0000000	2,9240177	60	7,7459667	3,9148676				
26	5,0990195	2,9624960	61	7,8102497	3,9364972				
27	5,1961524	3,0000000	62	7,8740079	3,9578915				
28	5,2915026	3,0365889	63	7,9372539	3,9790571				
29	5,3851648	3,0723168	64	8,0000000	4,0000000				
30	5,4772256	8,1072325	65	8,0622577	4,0207256				
31	5,5677644	3,1413806	66	8,1240384	4,0412401				
82	5,6568542	8,1748021	67	8,1858528	4,0615480				
33	5,7445626	8,2075848	68	8,2462118	4,0816551				
84	5,8309519	3,2396118	69	8,3066239	4,1015661				
85	5,9160798	3,2710663	70	8,3666003	4,1212858				

71 72	√N 8,4261498 8,4852814	4,1408178 4,1601676	N 86 87	√N 9,2736185 9,3273791	4,4140049 4,4310470
73	8,5440037	4,1793392	88	9,3808315	4,4479602
74	8,6023253	4,1983364	89	9,4339811	4,4647451
75	8,66 02540	4,2171633	90	9,4868330	4,4814047
76	8,7177979	4,2358236	91	9,5393920	4,4979414
77	8,7749644	4,2543210	92 93	9,5916630	4,5148574
78 79	8,8317609 8,8881944	4,2726586 4,2908404	94	9,6436508 9,6953597	4,5306549 4,5468359
80	8,9442719	4,3088695	95	9,7467943	4,5629020
81	9,0000000	4,3267487	96	9,7979590	4,5788570
82	9,0553851	4,3444815	97	9,8488578 9,8994949	4,5947009 4,6104369
83	9,1104336	4,3620707	99	9,9498744	4,6260650
85	9,2195445	4,3968296	100	10,0000000	4,641588
		-		_	

Chorbentafel fur ben Rabius 1000.

0,	0'	÷0,	*0'		nº	0'	20'	40		0	0,	20	40'	
0	0	6	12	-	31	535	540	546	-	61	1015	1020	1025	-
1	18		29		32	551	557	562					1040	
2	35	41	47	E	33	568	.74		Œ				1055	
3	52	58	64		34	585	590	596				1065		-
4	70	75	81) if	35	601	607	613	Diff	65	1075	1080	1084	H
5	87	93	99	2	36	618	624	629	=	66	1089	1094	1099	10
6	105	111	116		37	635	640	646		67		1109	100	
7	122	100.00	134		38	651	657	662			1118	3.75.7	C - 100 C	4
8	140	145	151		39	668	673	679		69	1133	1138	1142	
9	157	163	169	53	40	684	690	695		70	1147	1152	1157	
10	174	180	186	0	41	700	706	711		71	1161	1166	1171	
11	192	198	203		42	717	722	728		172				23
12	209				43	733	738	744		73	1190	1194	1199	
13	226	232	238		44	749	755	760		74	1204	1208	1213	
14	244	250	255		45	765	771	776	21	75	1218	1222	1227	
15	261	267	273		46	782	787	792	0.2	76	1231	1236	1241	
16	278	284	290		17	798	803	808	_	77				22
17	296	301	307		48	814	819	824		78	1259	1263	1268	
18	313	319	324		49	829	835	840		79	1272	1277	1251	
19	330	336	342		50	845	851	856	9	80	1286	1290	1295	
20	347	353	359		51	861	866	872	0.2	81	1299	1303	1308	1-
21	365	370	376		52	877	882	887	0	82		1317		0.2
22			393		53	892	898	903		83	1325	1330	1334	-
23	399	404	410		54	908	913	918		84	1338	1343	1347	
24	416	422	427		55	924	929	934	10	85	1351	1356	1360	
25	433	439	444	00	56	939	944	949	0.5	86	1364	1368	1373	20
26	450	456	461	0.28	57	954	959	965		87	1377		1385	
	467			0	58	970	975	980		88	1389		1398	
28	484	490	495		59	985	990	995)	89	1402	1406		
29	501	506	512		60	1000	1005	1010		90	1414	1418	1422	
30	518	523	529	1										

Die

Gaußischen Logarithmen

u m

aus ben Logarithmen zweier Zahlen ben Logarithmus ihrer Summe ober Differenz zu finden.



Α	В	D. C	D.	A	В	D	C	۵.
	0.30103	50 0.80108	50	0.030	U.28629	48	0.31629	52
0.001 0.00 2	0.30053 0.30003	50 0.30158 0.30208	50	0.031	0.28581 0.28582	49 48	0.31681 0.31732	51
	0.29953	50 0.80258	50 50	0.033	0.28484	48	0.31784	52 52
	0.29903 0.29854	49 0.80808	51	0.034 0.035	0.28436 0.28388	48	0.31836 0.31888	52
	0.29804	50 0.30404	50 50		0.28340	48 48	0.81940	52 52
	0.29754 0.29705	49 0.30454 0.30505	51	0.037	l	47	0.81992 0.82045	53
0.009	0.29655	50 0 30555	50	0.038	0.28197	48	0.32097	52
0.010	0.29606	50 0.30606	51 50	0.040	0.28149	48 48	0.32149	52 52
	0.29556 0.29507	49 0.30656 0.30707	51	0.041	0.28101	47	0.32201	58
	0.29458	49 0.30758	51 51	0.043	0.28006	48 47	0.32806	52 53
	0.29409	50 0.30809	50	1	0.27959	48	0.82859	52
0.015 0.01 6	0.29359	49 0.30859	51	0.045	0.27911 0.27864	47	0.82411	58
	0.29261	49 0.80961	51 51		0.27817	47 48	0.82517	53 52
	0.29212	49 0.81012	51	0.048 0.049	0.27769	47	0.32569 0.32622	53
	0.29115	48 0.31115	52 51		0.27675	47	0.82675	53 53
	0.29066	49 0.31166	51		0.27628	47	0.32728	53
	0.29017 0.28968	49 0.31217	51	0.052	0.27581 0.27534	47	0.32781	53
	0.28920	48 0.81820	52 51	0.054	0.27487	47	0.32887	53 53
	0.28871 0.28822	49 0.81371	51		0.27440	47	0.32940 0.32993	53
0.027	0.28774	48 0.81474	52 52	0.057	0.27846	47	0.33046	53 54
	0.28726	49 0.31526	51	11	0.27800	47	0.83100	53
	0.28677 0.28629	48 0.31577 0.31629	52		0.27258 0.27207	46	0.88207	54

A	1	В	D.	C	D.	A	В	D.	C	۵.
0.0	60	0.27207	47	0.33207	53	0.090	0.25836	45	0.84836	55
		0.27160	46	0.33260	54	0.091	0.25791	45	0.34891	55
0.0	62	0.27114	47	0.88314	53	0.092	0.25746	45	0.34946	55
		0.27067	46	0.33367	54		0.25701	44	0.85001	56
		0.27021	47	0.33421	53		0.25657	45	0.35057	55
		0.26974	46	0.33474	54	0.095	0.25612	44	0.35112	56
		0.26928	46	0.33528	54	0.096		45	0.35168	55
		0.26882	46	0.33582	54	0.097		44	0.35223	56
1-		0.26836	46	0.33636	54		0.25479	45	0.35279	55
		0.26790	46	0.23690	54	0.099	0.25484	44	0.85384	56
0.0 0.0		0.26744 0.26698	46	0,88744	54	0.100	0.25390	44	0.35390	56
		******	46	0.33798	54	0.101	0.25846	44	0.35446	56
H	-	0.26652	46	0.83852	54		0.25802	44	0.85502	56
		0.26606 0.26560	46	0.23906	54		0.25258 0.25214	44	0.35558	56
			45		55			44		56
0.0	-	0.26515 0.26469	46	0.34015	54		0.25170 0.25126	44	0.35670	56
0.0			46	0.34123	54	0.106 0.107		44	0.35726	56
_		0.26378	45		55			44		56
0.0		0.26332	46	0.34178 0.34232	54	0.108 0.109	0.25038 0.24994	44	0.35838	56
		0.26287	45	0.34287	55	0.110		44	0.35950	56
	_	0.26242	45	0.84342	55	0.111	0.24907	48	0.3C007	57
		0.26196	46	0.84396	54	0.112	0.24863	44	0.36062	56
		0.26151	45	0.34451	55	0.118	0.24819	44	0.36119	56
0.0	84	0.26106	45	0.34506	55		0.24776	43	0.36176	57
		0.26061	45	0.34561	55	0.115	0.24733	43	0.26233	57
0.0	86	0.26016	45	0.84616	55		0.24689	44	0.36289	56
0.0	87	0.25970	46	0.34670	54	0.117	0.24646	43	0.86846	57
		0.25926	144	0.34726	56	0.118	0.24603	43	0.36403	57
0.0	89	0.25881	45	0.84781	55	0.119	0.24559	24	0.86459	56
0.0	90	0.25836	123	0.34836		0.120	0.24516	7.0	0.36516	57

D					_			-		
0.120 0.24516 43		В	n	C	D.	Α	В	D.	C	D.
0.121 0.24473 43 0.36573 57 0.151 0.23206 41 0.88306 58 0.122 0.24430 43 0.36680 57 0.150 0.23123 41 0.38685 58 0.125 0.24301 43 0.36681 57 0.156 0.23082 41 0.38482 59 0.125 0.24216 43 0.36681 57 0.156 0.23002 41 0.38482 59 0.127 0.24216 43 0.36681 57 0.158 0.23002 41 0.38482 59 0.129 0.24130 43 0.36973 57 0.158 0.22918 41 0.38690 59 0.130 0.24043 42 0.37030 58 0.160 0.22837 41 0.387145 58 0.160 0.22875 41 0.387145 58 0.160 0.22837 41 0.387145 58 0.160 0.22875 41 0.38836 59 <td>0 120</td> <td>0.24516</td> <td></td> <td>0.26516</td> <td></td> <td></td> <td>0 92947</td> <td></td> <td>0 99947</td> <td></td>	0 120	0.24516		0.26516			0 92947		0 99947	
0.122 0.24436 43			48		1					
Value Valu			48					41		59
0.124 0.24344 43 0.36744 57 0.155 0.23082 41 0.38482 59 0.125 0.24216 43 0.36858 58 0.156 0.23040 41 0.38541 59 0.127 0.24216 43 0.36858 58 0.156 0.23040 41 0.38541 59 0.128 0.24173 43 0.36973 57 0.158 0.22918 41 0.38680 58 0.129 0.24130 0.36973 57 0.159 0.22877 41 0.38718 59 0.131 0.24045 42 0.37030 58 0.160 0.22836 41 0.38876 59 0.132 0.24045 42 0.37145 58 0.160 0.22754 41 0.38836 59 0.132 0.22918 41 0.38718 59 0.133 0.23960 42 0.37203 57 0.160 0.22754 41 0.38936 59 0.133 0.23973 42 0.37305 58 0.166 0.22754 41 0.38914 58 0.166 0.22531 41 0.38914 58 0.166 0.22531 41 0.38914 58 0.166 0.22531 41 0.39913 60 0.137 0.22139 42 0.37605 58 0.169 0.22470 40 0.39370 60 0.143 0.23539 42 0.37655 58 0.169 0.22470 40 0.39370 60 0.143 0.23539 42 0.37655 58 0.170 0.22489 42 0.37935 58 0.170 0.22489 42 0.37935 58 0.170 0.22489 42 0.37935 58 0.170 0.22489 42 0.38914 58 0.170 0.222489 42 0.37935 58 0.170 0.222489 42 0.38914 58 0.170 0.222489 42 0.38914 58 0.170 0.222489 42 0.38914 58 0.170 0.222489 42 0.38914 58 0.170 0.222489 42 0.38914 58 0.170 0.222489 42 0.38914 58 0.170 0.222489 42 0.38914 58 0.175 0.222489 42 0.38914 58 0.175 0.222489 43 0.38914 58 0.175 0.222489 43 0.38914 58 0.175 0.222489 43 0.38914 58 0.175 0.222489 0.39699 60 0.39729 60 0.39729 60 0.39729 60 0.39729 60 0.39849 60 0.39969			43		57			42		58
0.125 0.24258 43	0.128		43		57			41		59
0.126 0.24258 42	0.124		48		57			41		59
0.127 0.24216 42	0.125		48	0.86801	57	0.155	0.23041	41	0.38541	59
0.128 0.24173 43 0.36973 57 0.158 0.22918 41 0.38678 59 0.130 0.24043 42 0.37088 57 0.160 0.22836 41 0.38836 58 0.161 0.22403 42 0.37088 57 0.161 0.22403 43 0.37145 58 0.162 0.22713 41 0.38836 59 0.133 0.23960 42 0.37263 57 0.162 0.22713 40 0.38954 59 0.138 0.23838 42 0.37818 57 0.162 0.22713 40 0.39013 57 0.158 0.22877 41 0.38895 59 0.136 0.23837 42 0.37818 57 0.162 0.22713 40 0.39013 58 0.165 0.22673 41 0.39013 59 0.136 0.23837 42 0.37491 58 0.166 0.22510 40 0.39257 41 0.39013 60 0.140 0.22665 42 0.37549 58 0.169 0.22470 40 0.39257 41 0.22665 42 0.37781 58 0.170 0.22439 42 0.37781 58 0.170 0.22439 42 0.37837 58 0.169 0.22470 40 0.39257 60 0.39459 60 0.39459 60 0.140 0.23451 41 0.23623 42 0.37955 58 0.170 0.22239 40 0.39669 60 0.39669 60 0.39669 60 0.140 0.23451 41 0.23472 42 0.37955 58 0.175 0.22239 40 0.39669 60 0.39669 60 0.39669 60 0.39669 60 0.39669 60 0.140 0.23453 41 0.38014 58 0.177 0.22189 40 0.39789 60 0.39789 60 0.39669 60 0.396			42	0.86858	58	0.156	0.23000	41	0.38600	50
0.128 0.24173 43 0.36973 57 0.129 0.24133 42 0.37030 58 0.130 0.24088 43 0.37030 58 0.130 0.24048 43 0.37045 57 0.161 0.22735 41 0.38836 59 0.132 0.24003 42 0.37203 57 0.133 0.23960 42 0.37203 57 0.135 0.23875 42 0.37260 58 0.155 0.23875 42 0.37818 57 0.155 0.23875 42 0.37432 58 0.166 0.22531 40 0.39013 60 0.136 0.23833 42 0.37432 58 0.166 0.22531 40 0.39132 58 0.139 0.23707 42 0.37605 58 0.166 0.22531 40 0.39132 58 0.189 0.23707 42 0.37605 58 0.169 0.22501 40 0.39132 58 0.140 0.23663 42 0.37665 58 0.167 0.22430 40 0.39251 58 0.144 0.23623 42 0.37665 58 0.170 0.22430 40 0.39430 60 0.143 0.23531 42 0.37837 58 0.170 0.22430 40 0.39430 60 0.143 0.23531 42 0.37837 58 0.170 0.22430 40 0.39430 60 0.143 0.23531 42 0.37837 58 0.170 0.22430 40 0.39430 60 0.143 0.23531 42 0.37837 58 0.170 0.22430 40 0.39430 60 0.144 0.23437 42 0.37837 58 0.170 0.22430 40 0.39430 60 0.144 0.23437 42 0.37837 58 0.170 0.22430 40 0.39549 60 0.39699 60 0.146 0.23414 42 0.38318 59 0.176 0.22139 40 0.39739 60 0.146 0.23330 41 0.38189 59 0.179 0.22149 40 0.39999 60 0.39699 60 0.				0.36916		0.157		41	0.38659	
0.130 0.24083 42 0.37085 57 0.160 0.22836 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22754 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22795 41 0.38855 59 0.160 0.22754 41 0.38855 59 0.160 0.22754 41 0.38913 60 0.22754 41 0.38913 60 0.22673 41 0.39013 60 0.1875 0.22791 42 0.37695 60 0.160 0.22581 42 0.37655 60 0.160 0.22581 42 0.37655 60 0.160 0.22581 42 0.38855 60 0.160 0.22581 42 0.39635 60 0.160 0.22581 42 0.37655 60 0.160 0.22581 42 0.39635 60 0.160 0.22581 42 0.39635 60 0.160 0.22581 42 0.39635 60 0.160 0.22581 42 0.38855 60 0.160 0.22581 42 0.39635 60 0.160 0.22581 42 0.39635 60 0.160 0.22583 42 0.37655 60 0.160 0.22489 42 0.38855 60 0.170 0.22489 42 0.38855 60 0.170 0.22489 42 0.38855 60 0.39635	0.128	0.24178		0.36973	87	0.158	0.22918	41	0.38718	
0.131 0.24045 42 0.37145 58 0.160 0.22735 41 0.38955 59 0.132 0.24003 43 0.37260 58 0.133 0.23960 43 0.37318 57 0.163 0.22713 40 0.39013 60 0.134 0.23913 42 0.37318 57 0.165 0.22831 42 0.37491 58 0.164 0.22591 40 0.39013 60 0.137 0.23791 42 0.37549 58 0.166 0.22591 40 0.39013 59 0.137 0.23791 42 0.37549 58 0.166 0.22591 40 0.39251 60 0.183 0.237491 42 0.37549 58 0.169 0.22470 40 0.39310 60 0.140 0.23665 42 0.37655 58 0.170 0.22430 40 0.39310 60 0.144 0.23497 42 0.37935 58 0.170 0.22430 40 0.39499 60 0.146 0.23414 41 0.23472 42 0.37935 59 0.146 0.23414 42 0.33813 59 0.1370 0.23330 41 0.38014 59 0.170 0.22189 40 0.39549 60 0.148 0.23414 41 0.33818 59 0.170 0.22189 40 0.39549 60 0.148 0.23414 41 0.33813 59 0.170 0.22189 40 0.39549 60 0.148 0.23414 41 0.33813 59 0.170 0.22189 40 0.39549 60 0.148 0.23330 41 0.38189 59 0.179 0.22189 40 0.39549 60 0.39549 60 0.148 0.23330 41 0.38189 59 0.179 0.22189 40 0.39549 60 0.39	0.129	0.24130		0.37030		0.159	0.22877		0.88777	
0.131 0.24045 42 0.37145 58 0.161 0.22754 41 0.38954 59 0.132 0.23960 42 0.37260 57 0.162 0.22754 41 0.39013 55 0.135 0.23831 42 0.37431 57 0.164 0.22673 41 0.39013 55 0.136 0.23833 42 0.37491 58 0.160 0.22511 40 0.39213 58 0.139 0.23707 42 0.37607 58 0.169 0.22470 40 0.39310 60 0.141 0.23665 42 0.377637 58 0.171 0.22430 40 0.39480 60 0.142 0.23581 42 0.37781 58 0.171 0.222349 40 0.39489 60 0.143 0.23497 42 0.37957 58 0.170 0.222399 40 0.39609 60 0.144 0.23414 42	0.130	0.24088	72	0.87088		0.160	0.22836	3	0.38836	
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0.133 0.23960 43 0.37365 58	0.132	0.24003	42	0.27203		0.162	0.22754	31	0.38954	
0.134 0.23918 42			48		1	0.163			11	
0.135 0.23875 42 0.37375 58 0.166 0.22632 41 0.39122 59 0.136 0.23833 42 0.37433 58 0.166 0.22591 40 0.39129 60 0.137 0.23749 42 0.37549 58 0.168 0.22510 40 0.39251 59 0.140 0.23665 42 0.37665 58 0.160 0.22531 41 0.39310 60 0.141 0.23623 42 0.37665 58 0.170 0.22430 41 0.39370 60 0.143 0.23531 42 0.37731 58 0.172 0.22389 40 0.39366 60 0.143 0.23531 42 0.37837 58 0.172 0.22389 40 0.39549 60 0.144 0.23437 42 0.37955 59 0.176 0.22189 40 0.39669 60 0.146 0.23414 41 0.38189 59 0.176 0.22189 40 0.39789 60 0.146 0.23330 41 0.38189 59 0.179 0.22189 40 0.39689 60 0.148 0.23330 41 0.38189 59 0.179 0.22189 40 0.39689 60 0.149 0.23330 41 0.38189 59 0.179 0.22189 40 0.39689 60 0.149 0.23330 41 0.38189 59 0.179 0.22189 40 0.39689 60 0.39689 60 0.149 0.23330 41 0.38189 59 0.179 0.22189 40 0.39689 60 0.39689			42		1	0.164		40		
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0.142 0.2358 42 0.37781 58 0.172 0.22349 40 0.29549 60 0.37839 58 0.145 0.23451 41 0.23451 42 0.37837 58 0.176 0.22239 40 0.39609 60 0.145 0.23451 41 0.38014 58 0.176 0.22189 40 0.39789 60 0.146 0.23414 42 0.38014 58 0.176 0.22189 40 0.39789 60 0.148 0.23372 42 0.38072 58 0.176 0.22189 40 0.39789 60 0.148 0.23330 41 0.38189 59 0.179 0.22109 40 0.399849 60 0.149 0.23288 43 0.38189 59 0.179 0.22099 40 0.39989 60 0.199 0.23288 43 0.38189 59 0.179 0.22099 40 0.39989 60 0.199 0.23288 43 0.38189 59 0.179 0.22099 40 0.39989 60 0.199 0.23288 43 0.38189 59 0.179 0.22099 40 0.39989 60 0.199 0.23288 43 0.38189 60 0.199 0.23288 43 0.38189 60 0.199 0.23288 44 0.38189 60 0.199 0.23288 45 0.38189 60 0.199 0.23288 45 0.38189 60 0.39989 60			42		58	0.170		41		59
0.143 0.23539 42 0.37839 58 0.173 0.22399 40 0.39599 60 0.144 0.23497 42 0.37957 59 0.175 0.22239 40 0.39699 60 0.145 0.23414 42 0.38139 59 0.176 0.22189 40 0.39759 60 0.3969 60 0.145 0.23414 42 0.38014 58 0.176 0.22189 40 0.39759 60 0.148 0.23330 41 0.38139 59 0.179 0.22169 40 0.39969 60 0.3969	0.141		42		_	0.171		_	0.39489	60
0.143 0.22339 42 0.144 0.22497 42 0.145 0.22453 41 0.146 0.22414 42 0.38014 58 0.147 0.22299 40 0.38012 58 0.147 0.22239 40 0.38012 58 0.147 0.22149 40 0.38012 58 0.177 0.22149 40 0.3803 60 0.149 0.23230 41 0.38180 59 0.179 0.22069 40 0.3969 60 0.38012 58 0.170 0.22149 40 0.3969 60 0.38012 58 0.170 0.22149 40 0.3969 60 0.38018 60 0.171 0.22149 40 0.3969 60 0.3979 60 0.38018 60 0.178 0.22149 40 0.3969 60 0.3969 60 0.38018 60 0.178 0.22149 40 0.3969 60						0.172				
0.144 0.23497 4 0.37955 59 0.174 0.22299 40 0.39669 60 0.3465 0.23414 42 0.38014 58 0.147 0.23372 42 0.38012 58 0.177 0.22149 40 0.39729 60 0.38014 58 0.177 0.22149 40 0.39789 60 0.148 0.23330 41 0.38130 59 0.179 0.22069 40 0.39969 60 0.3968 58 0.179 0.22069 40 0.39969 60	0.148	0.23539		0.37839		0.178	0.22809		0.39609	
0.145 0.23414 42 0.38014 58 0.176 0.22139 40 0.39729 60 0.147 0.23372 42 0.38072 58 0.177 0.22149 40 0.39849 60 0.148 0.23330 41 0.38189 59 0.179 0.22069 40 0.39899 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.149 0.23289 41 0.38189 59 0.179 0.22069 40 0.39969 60 0.39669 60 0	0.144	0.28497	_	0.87897		0.174	0.22269		0.39669	
0.145 0.23414 0.38014 5 0.176 0.22189 0 0.39789 60 0.145 0.23372 42 0.38072 58 0.177 0.22149 40 0.39989 60 0.149 0.23320 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.148 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.148 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.148 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.148 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.39989 60 0.149 0.23289 41 0.38189 59 0.179 0.22089 40 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.149 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.23889 60 0.148 0.148 0.23889 60 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0.148 0	0.145	0.23455		0.37955		0.175	0.22229		0.39729	
0.148 0.23372 42 0.38072 58 0.177 0.22149 40 0.39849 60 0.148 0.23330 41 0.38180 59 0.178 0.22109 40 0.39909 60 0.149 0.23289 44 0.38189 50 0.179 0.22089 44 0.39969 60	0.146	0.23414	71	0.38014		0.176	0.22189		0.89789	
0.148 0.23320 42 0.38120 55 0.178 0.22109 40 0.39909 60 0.149 0.23289 41 0.38189 58 0.179 0.22069 40 0.39969 60	0.147	0.28372	+2	0.38072	-	0.177	0.22149		0.39849	
0.149 0.28289 41 0.38189 59 0.179 0.22069 40 0.39969 60			42				0.22109			1
			+1					40		
	0.150	0.23247	43	0.88247	58	0.180	0.22029	40		60

A	В	D.	C	D.	Α	В	D	C	D.
0.180	0.22029	40 0.	40029	60	0.210	0.20860	38	0.41860	62
0.181	0.21989	40 0.	40089	60	0.211	0.20822	38	0.41922	62
0.182	0.21949	39 0.	40149	61	0.212	0.20784	38	0.41984	62
0.188	0.21910	201	40210	60		0.20746	38	0.42046	62
0.184	0.21870		40270	61	0.214	0.20708	88	0.42108	62
0.185	0.21831	4 01—	40331	60	0.215	0.20670	38	0.42170	62
			40391	61	0.216	0.20632	38	0.42232	62
	0.21752		40452	60	0.217	0.20594	87	0.42294	63
	0.21712	39	40512	61	0.218	0.20557	38	0.42357	62
0.189	0.21678		40573	61	0.219	0.20519	38	0.42419	62
0.190	0.21634		40634 40695	61	0.220 0.221	0.20481 0.20444	37	0.42481 0.42544	63
0.191	0.21595	39		61			38		62
0.192		40	40756	60		0.20406 0.20 369	37	0.42606	63
0.193			40816 40877	61	0.228	0.20331	38	0.42731	62
0.194		89		61			37	0.42794	63
	0.21438 0.21399	2A	40938 40999	61		0.20294 0.20257	87	0.42857	63
		351.	41061	62		0.20220	37	0.42920	63
		39		61	0.228	0.20182	38	0.42982	62
0.198	0.21322 0.21283	20	41172	61	0.229	0.20145	37	0.43045	63
	0.21244	89 0.	41244	61	0.280	0.20108	37	0.43108	68
	0.21206	38	41306	62	0.231	0.20071	37	0.43171	63
	0.21200	98 2	41367	61	0.232	0.20034	37	0.43234	63
	0.21128	29 0.	41428	61	0.233	0.19997	87	0.43297	63
	0.21090	38 0	41490	62	0.234	0.19960	87	0.43360	63
	0.21052	88	41552	62	0.235	0.19923	87	0.43428	63
		89 0.	41613	61		0.19887	36	0.43487	64
0.207	0.20975	38 0.	41675	62	0.237	0.19850	37	0.43550	63
0.268	0.20937	38 0.	41737	62	0.238	0.19813	37 26	0.43613	63 64
	0.20898	30 O.	41798	61 62	0.289	0.19777	27	0.43677	63
0.210	0.20860	- O.	41860	"	0.240	0.19740		0.43740	

Α	В	D.	C	ъ.	A	В	D.	C	D.
0.240	0.19740 0.19704	36	0.43740	64	0.270	0.18668 0.18633	35	0.45668	65
0.241 0.242		37 26	0.43804	63 64	0.271 0.272	0.18599	34 25	0.45733 0.45799	66 65
	0.19631	36	0.48931	64		0.18564	35	0.45864	65
	0.19595 0.19558	37	0.44958	63	0.274	0.18 529 0.18 494	35	0.45929 0.45994	6.5
	0.19522	36 36	0.44199	64 64	0.276	0.18460	34 35	0.46060	66
	0.19486	36	0.44186	64		0.18425	35	0.46125	65
0.248	0.19450	36	0.44250	64	0.278	0.18390	34	0.46190	66
0.250	0.19378	36 26	0 44979	64 64	0.280	0.18322	34 35	0.46322	66 65
	0.19342	36	0.44442	64	0.281	0.18287	34	0.46387	66
	0.19806	36	0.44506 0.44570	64 64	0.282 0.283	0.18253 0.18218	35 34	0.46453 0.46518	65
	0.19234	36	0.44634	64	0.284	0.18184	34 34	0.46584	66
	0.19198	35	0.44698	65		0.18150	34	0.46650	66
0.25 6 0.257	0.19103	36	10.44827	64	0.286 0.287	0.18116 0.18082	34	0.46716 0.46782	66
0.258	0.19091	35	0.44891	65	0.288	0.18048	34	0.46848	66 66
	0.19056 0.19020	36	0.44956	64	0.289 0.290	0.18014 0.17980	34	0.4 69 14 0.4 69 80	66
	0.18985	35	0.45085	65	0.291	0.17946	34	0.47046	66
0.262	0.18949	36	0.45149	64 65	0.292	0.17912	34 34	0.47112	6 6
	0.18914	35	0.45214	65	0.293	0.17878	33	0.47178	67
	0.18879	35 36	0.45279 0.45344	65 64	0. 294 0. 29 5	0.17845 0.17811	34	0.47245 0.47311	66
	0.18808	35	0.45408	65	0.296	0.17777	34	0.47377	66
0.267 0.268	0.18773	35	0.45478	65	0.297 0.298	0.17744 0.17710	34	0.47444 0.47510	66
0.269		35 35	0.45588 0.45 6 08	65	0.299	0.17677	33 34	0.47577	67 66
0.270	U.18668	100	0.45668	100	Co.300	10.17648	9.4	0.47643	100

Λ	В	_{D.} C	D.	Α	В	D.	C	D.
0.300	0.17643	22 0.47643	67	0.330	0.16665	32	0.49665	68
0.301	0.17610	33 0.47710	67	0.331	0.16633	32	0.49788	68
0.302	0.17577	33 0.47777	67	0.332	0.16601	32	0.49801	68
	0.17544	34 0.47844	66	0.333	0.16569	31	U.49869	69
	0.17510	83 0.47910	67	0.334	0.16538	32	0.49938	68
	0.17477	38 0.47977	67	0.335	0.16506	32	0.50006	68
	0.17444	38 0.48044	67		0.16474	31	0.50074	69
0.307	0.17411	33 0.48111	67	0.387	0.16443	32	0.50148	68
		33 0.48178	67	0.338		31	0.50211	69
	0.17345	33 0.48245	67	0.339	0.16380	31	0.50280	69
	0.17312 0.17279	33 0.48312	67	0.340 0.341	0.1 6349 0.1 63 17	33	0.50 349 0.50417	68
		32	68			81		69
0.313	0.17247 0.17214	33 0.48447	67	0.342	0.1 6286 0.1 62 55	31	0.50486 0.50555	69
	0.17181	0.48581	67	0.344	0.16224	31	0.50624	69
	0.17148	0 49649	67		0.16192	32	0.50692	68
	0.17116	0Z A 40716	100	0.346	0.16161	81	0.50761	69
	0.17088	0.48783	67	0.347	0.16130	31	0.50830	69
0.318	0.17051	0.48851	68	0.348	0.16099	31	0.50899	69
	0.17018	32 0.48918	67 68			31	0.50968	69
0.820	0.16986	1. 0.48986	68	0.250	0.16087	•	0.51087	70
0.321	0.16954	32 0.49054	67	0.351	0.16007	30 21	0.51107	69
	0.16921	33 0.49121	68	0.352	0.15976	21	0.51176	69
0.323	0.16889	32 0.49189	68	0.353	0.15 94 5	21	0.51245	69
	0.16857	32 0.49257	68	0.354	0.15914	10	0.51314	70
0.825	0.16825	32 0.49825	68	0.355	0.15884	31	0.51384	69
	0.16793	32 0.49893	68	0.356	0.15858	21	0.51453	69
0.827	0.16761	32 0.49461	68		0.15822	30	0.51522	70
0.828		32 0.49529	68		0.15792	31	0.51592	69
0.329		32 0.49597	68	0.359	0.15761	20	0.51661	70
0.530	0.16665	0.49665		10.360	0.15731		0.51731	

Λ	B	D.	С	D.	A	В	ມ.	C	D.
	0.15781	30	0.51.781	70		0.14841	29	0.53841	71
0.361 0.362	0.15701 0. 15 6 70	31	0.51801 0.51870	69	0.391	0.14812 0.14783	29	0.53912 0.53983	71
	0.15640	30 30	0.51940	70		0.14755	28	0.54055	72 71
0.364	0.15610	20	0.52010	70 70		0.14726	29 29	0.54126	71
0.365		30	0.52080	70	0.395	0.14697	29	0.54197	71
	0.15550	30	0.52150	70		0.14668	28	0.54268	72
0.367	0.15520 0.15489	31	0.52220 0.52289	69		0.14640 0.14611	29	0.54840	71
	0.15460	29	0.52360	71		0.14583	28	0.54483	72
	0.15480	30	0.52430	70		0.14554	29	0.54554	71
0.871	0.15400	30	G.52500	70 70		0.14526	28 29	0.54626	72 71
	0.15870	20	0.5 2 570	70		0.14497	28	0.54697	72
	0.15340	20	0.52640	70		0.14469	28	0.54769	72
	0.15310	29	0.52710	71	_	0.14441	29	0.54841	71
	0.15281 0.15251	30	0.52781 0.52851	70		0.14412	28	0.54912	72
	0.15231	30	0.52831	70		0.14384 0.14356	28	0.55056	72
	0.15192	29	0.52992	71		0.14328	28	0.55128	72
	0.15162	30 29	0.53062	70		0.14300	28 28	0.55200	72
0.380	0.15133	29	0.53133	71 71	0.410	0.14272	28	0.55272	72 72
	0.15104	20	0.53204	70	0.411	0.14244	28	0.55344	72
	0.15074	29	0.53274	71	0.412	0.14216	28	0.55416	72
	0.15045	29	0.53345	71		0.14188	28	0.55488	72
	0.15016 0.14986	30	0.5 3416 0.5 3486	70		0.14160 0.14132	28	0.55560 0.55 632	72
	0.14957	29	0.53557	71		0.14104	28	0.55704	72
	0.14928	29	0.53628	71	0.417	J.14077	27	0.55777	73
0.388	0.14899	29 29	0.53699	71 71	0.418	0.14049	28 28	0.55849	72 72
	0.14870	29	0.53770	71	0.419	0.14021	27	0.55921	72
0.390	0.14841	1	0.53841	• •	0.420	10.13994	12.	0.55994	•

Λ	В	D.	C	υ.	Α	В	D.	C	D.
	0.13994	28	0.55994	72	0.450	0.13188	26		74
	0.13966 0.13939		0.56139	73 72	0.451	0.13152 0.13136	26 26	0.58 262 0.58 336	74
0.423	0.13911	100	0.56211	73	0.453	0.13110	26	0.58410	74
	0.1 3 88 4 0.1 38 57	11	0.5 6284 0.5 6 357	73		0.130 84 0.13058	26	0.58484 0.58558	74
	0.13829	40	0.56429	72 73		0.13032	26 26	0.58632	74
0.427	0.13802	27	0.56502	73	0.457	0.13006	26 26	U.58706	74
	0.18775	2.	0.56575	73	-	0.12980	26	0.58780	74
	0.1 374 8 0.1 372 1		0.566 4 8 0.56721	73 72	0.459 0.460	0.1295 4 0.12928	26 25	0.58854 0.58 92 8	74 75
0.431	0.18694	27	0.56794	73	0.461	0.12903	26	0.59008	74
	0.1 3667 0.1 364 0	12.1	0.56867 0.56940	73		0.12877 0.12851	26	0.59077 0.59151	74
	0.13613		0.57013	73		0.12826	25	0.59226	75
	0.13586	27	0.57086	73 73		0.12800	26 25	0.59800	74 75
	0.13559 0.135 32		0.57159 0.57232	73		0.12775 0.12749	26	0.59 3 75 0.5 944 9	74
	0.13505	27	0.57305	73		0.12724	25	0.59524	75
0.439	0.18479	27	0.57879	74 73	0.469	0.12698	26 25	0.59598	75
	0.13452	27	0.57452	73		0.12673	25	0.59673	75
	0.1 342 5 0.1 33 99		0.57525 0.57 59 9	74		0.12 64 8 0.12 622	26	0.59748 0.598 22	74
	0.13372		0.57672	73 74	0.473	0.12597	25 25	0.59897	75 75
	0.13346	27	0.57746	73		0.12572	25	0.59972	75
	0.13319 0.13293	20	0.57819 0.5789 3	74		0.125 4 7 0.125 2 2	25	0.60047 0.60122	75
	0.13267	26	0.57967	74		0.12497	25 25	0.60197	75 75
	0.13240	26	0.58040	74		0.12472	25	0.60272	75
0.449 0.450	0.13214		0.58114 0.58188	74		0.12 44 7 0.1 242 2	25	0.60 34 7 0.60422	75

A	В	lo.	C	D.	A	В	n	C	-
0.480	0.12422	25	0.60422	75	0.510	0.11695	D.	0.62695	D.
0.481	0.12397	25	0.60497	75	0.511	0.11671	24	0.62771	76
0.482	0.12372	24	0.60572	76	0.512	0.11648	23	0.62848	77
0.483	0.12348	25	0.60648	75	0.513	0.11624	24 23	0.62924	76
A	0.12323	25	0.60723	75	0.514	0.11601	24	0.63001	76
_	0.12298	24	0.60798	76	0.515	0.11577	23	0.63077	77
	0.12274	25	0.60874	75	0.516	0.11554	23	0.63154	77
	0.12249	25	0.60949	75	0.517	0.11531	24	0.63231	76
_	0.12224	24	0.61024	76	0.518	0.11507	23	0.63307	77
0.489	0.12200	25	0.61100	75	0.519	0.11484	23	0.63384	77
7.00	0.12115	24	0.61175	76	0.520	0.11461 0.11438	23	0.63461	77
_	0.12127	24		76	0.521		23	_	77
the state of the s	0.12102	25	0.61327	75		0.11415	23	0.63615	77
7.0000000000000000000000000000000000000	0.12078	24	0.61478	76		0.11368	24	0.63768	76
0.495	0.12054	24	0.61554	76	_	0.11345	23	0.63845	77
	0.12030	24 25	0.61630	76		0.11323	22	0.63923	78
0.497	0.12005	24	0.61705	76		0.11300	23	0.64000	77
0.498	0.11981	24	0.61781	76	0.528	0.11277	23	0.64077	77
0.499	0.11957	24	0.61857	76		0.11254	23 23	0.64154	77
0.500	0.11933	24	0.61933	76	0.530	0.11231	23	0.64231	77
	0.11909	24	0.62009	76	0.531	0.11208	22	0.64308	78
100000000000000000000000000000000000000	0.11885	24	0.62085	76		0.11186	23	0.64386	77
_	0.11861	24	0.62161	76	0.533	0.11163	23	0.64463	77
	0.11837	23	0.62237	77		0.11140	22	0.64540	78
10 to 10 to	0.11814	24	0.62314	76	0.535		23	0.64618	77
-	-	24		76	-	0.11095	22	0.64695	78
0.507	0.11766	24	0.62466	76		0.11073	23	0.64773	77
0.509	0.11719	23	0.62619	77		0.11050	22	0.64850	78
0.510	0.11695	24	0.62695	76	2/2/25	0.11005	23	0.65005	77

D
0.542 0.10960 22 0.65160 78 0.572 0.10309 21 0.67509 78 0.573 0.10288 78 0.573 0.10288 78 0.574 0.10267 21 0.667588 78 0.574 0.10267 21 0.667667 78 0.574 0.10267 21 0.667667 78 0.574 0.10267 21 0.667667 78 0.574 0.10267 21 0.667667 78 0.575 0.10246 21 0.667825 78 0.578 0.10183 21 0.67982 78 0.578 0.10183 21 0.667982 78 0.578 0.10163 21 0.66982 78 0.553 0.10761 22 0.65861 78 0.588 0.10120 20 0.68141 78 0.553 0.10761 22 0.68141 78 0.583 0.10079 21 0.68309 78 0.553 0.10079 21 0.68309 78 0.553 0.10079 21 0.68309 78 0.583 0.10079 21 0.68309 78 0.583 0.10079 21 0.68379 78 0.583 0.10079
0.548 0.10918 22 0.65238 78 0.573 0.10288 21 0.67588 78 0.574 0.10267 21 0.67588 78 0.574 0.10267 21 0.67667 78 0.576 0.10267 21 0.67746 78 0.576 0.10267 21 0.67825 78 0.578 0.10248 21 0.67924 78 0.548 0.10827 22 0.65549 78 0.578 0.10248 21 0.67924 78 0.578 0.10183 21 0.67983 78 0.550 0.10763 22 0.65861 78 0.580 0.10142 21 0.68162 78 0.552 0.10739 21 0.65861 78 0.583 0.101010 21 0.68320 78 0.553 0.10178 21 0.66330 78 0.553 0.10079 21 0.68379 78 0.553 0.10079 21 0.68379 78 0.583 0.10079 21 0.6837
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0.547 0.10849 22 0.65549 78 0.577 0.10204 21 0.67984 7 0.50802 22 0.65627 78 0.578 0.10183 21 0.667983 78 0.578 0.10183 21 0.68062 78 0.555 0.10783 22 0.65783 78 0.58062 0.10141 21 0.68141 78 0.552 0.10739 21 0.65939 79 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.583 0.10079 0.583 0.10079 0.583 0.10079 0.583 0.10079 0.583 0.10079 0.58379 0.583 0.10079 0.58379 0.583 0.10079 0.58379 0.583 0.10079 0.58379 0.583 0.583 0.10079 0.58379 0.583 0.583 0.10079 0.583
0.549 0.10805 22 0.65705 78 0.579 0.10162 21 0.68062 78 0.550 0.10783 22 0.65783 78 0.580 0.10141 21 0.68141 78 0.552 0.10789 21 0.65939 79 0.583 0.10019 21 0.68379 78 0.583 0.10079 21 0.68379 78 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.68379 0.10079 21 0.00079 21 0.00079 0.10079 0.10079 0.10079 0.10079 0.10079 0.10079 0.10079 0.10079 0.1007
0.551 0.10761 22 0.65861 78 0.581 0.10120 20 0.68220 8 0.552 0.10739 21 0.65939 79 0.582 0.10079 21 0.68379 7 0.583 0.10079 21 0.68379 7
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
0.553 0.10718 22 0.66018 78 0.583 0.10079 21 0.68379 7
78 0.584 0.10058 20 0.68458 8
0.555 0.10674 22 0.66174 78 0.585 0.10038 21 0.68538 7 0.556 0.10652 22 0.66252 7 0.586 0.10017 21 0.68617
#0.557[0.10630] 22 0.66330 18 0.587 0.09996 21 0.68696 7
0.558 0.10609 21 0.66409 20 0.588 0.09976 20 0.68776 8
0.559 0.10587 2 0.66487 0.589 0.09955 2 0.68855 4
0.560 0.10565 21 0.66565 79 0.590 0.09985 21 0.68985 7
0.561 0.10544 ₂₂ 0.66644 ₇₈ 0.591 0.09914 ₂₀ 0.69014 _e
0.562 0.10522 21 0.66722 79 0.592 0.09894 20 0.69094 8
0.564 0.10479 22 0.66879 78 0.594 0.09853 21 0.69253 7
0.565 0.10458 21 0.66958 2 0.595 0.09832 2 0.69332 8
0.566 0.10487 21 0.67037 78 0.596 0.09818 20 0.69418 8
0.567 0.10415 21 0.67115 79 0.597 0.09793 20 0.69493 2
0.568 0.10894 21 0.67194 79 0.598 0.09773 21 0.69573 7
0.569,0.10373 2 0.67273 78 0.599,0.09752 2 0.69652 8 0.570 0.10351 2 0.67351 8 0.600 0.09732 2 0.69732 8

	B		C		A	В	_	C	1
		D.		D.			Ð.	D.	1
	0.09732	20	0.69732	80	0.630	0.09146	19	0.72146 81	1
0.601		20	0.69812	80	0.631	0.09127	19	0.72227 81	H
0.602	0.09692	20	0.69892	80	0.632	0.09108	18	0.72308 82	H
	0.09672	20	0.69972	80	0.633	0.09090	19	0.72390 81	ı
	0.09652	20	0.70052	80	0.634	0.09071	19	0.72471 81	ı
	0.09632	20	0.70132	80	0.635	0.09052	19	0.72552 81	ı
	0.09612	19	0.70212	81	0.636	0.09033	19	0.72633 81	ı
	0.09593	20	0.70293	80	0.637	0.09014	18	0.72714 82	ı
	0.09573	20	0.70373	80	0.638	0.08996	19	0.72796 81	1
0.609	0.09553	20	0.70453	80	0.639	0.08977	19	0.72877	
0.610	0.09533	19	0.70533	81	0.640	0.08958	18	0.72958 82	ı
0.611	0.09514	20	0.70614	80	0.641	0.08940	19	0.73040 81	ı
0.612	0.09494	20	0.70694	80	0.642	0.08921	19	0.73121 81	ı
0.613	0.09474	19	0.70774	81	0.643	0.08902	18	0.73202	ı
	0.09455	20	0.70855	80	0.644	0.08884	19	0.73284	1
	0.09435	19	0.70935	81		0.08865	18	0.73365 82	1
	0.09416	20	0.71016	80		0.08847	18	0.73447 82	ł
	0.09396	19	0.71096	81	0.647	0.08829	19	0.73529 81	I
9.618	0.09377	20	0.71177	80	0.648		18	0.73610 82	1
0.619	0.09357	19	0.71257	81	0.649		18	0.73692 82	ı
	0.09338	19	0.71338	81	0.650	0.08774	19	0.73774	
0.621	0.09319	20	0.71419	80	0.651	0.08755	18	U.73855 82	
	0.09299	19	0.71499	81	0.652		18	0.73937 82	
	0.09280	19	0.71580	81		0.08719	18	0.74019 82	
0.624	0.09261	19	0.71661	81		0.08701	18	0.74101 82	H
	0.09242	19	0.71742	81	0.655		19	U.74183 RI	H
	0.09223	19	0.71823	81	0.656		18	0.74264 82	I
	0.09204	20	0.71904	80	0.657	0.08646	18	0.74346 82	ı
0.628		19	0.71984	81	0.658		18	0.74428 82	ı
0.629		19	0.72065	81		0.08610	18	0.74510 82	
0.630	0.03140		U. / Z 140	1 1	10.000	0.08592		0.74592	H

A	В	D.	C	р.	A	В	D.	C	D.
0.660	0.08592		0.74592 0.74674	82	0.000	0.08069 0.08052	17	0.77069	83
0.661	0.08574		.74757	83 82	$0.691 \\ 0.692$	0.08035	17	0.77235	83
0.663	0.08539	18	0.74839	82	0.693	0.08018	17	0.77318	83
0.664	0.08503	IX	0.75003	82 82	0.695	0.07985	16	0.77485	84
0.666	0.08485	17	0.75085	83	0.696	0.07968	17	0.77568	83
0.668	0.08450		0.75250	82	0.698	0.07934	17	0.77734	83
0.669	0.08432	17	0.75332	83	0.699	0.07918	17	0.77818	83
0.671	0.08397	18	0.75497	82 82	0.701	0.07884	16	0.77984	84
0.672			0.75579 0.75662	83		0.07868	17	0.78068	83
0.674	0.08344	17	0.75744	82	0.704	0.07835	17	0.78235	83
0.675			0.75827 0.75909	82 83	0.706	0.07818	17	0.78318	83
0.677		17	0.75992	83	1-	0.07785	16	0.78485	84
0.678		1181	0.76075 0.76157	82 83	0.708	0.07753	17	0.78653	94
0.680	-	17	0.76240	83	0.710		10	0.78820	84
0.682	0.08206	18	0.76406	83	0.712	0.07704	17	0.78904	1 83
	0.08188	17	0.76488	83	0.713	0.07687	10	0.7907	84
0.68	0.08154	17	0.76654	83	0.715	0.0765	16	0.7915	5 84
0.68	0.08137	17	0.76737	83	0.712	-	1 10	0.7932	-184
0.68	8 0.08103	17	0.76903	83	0.715		1 16	0 7940	84
0.68	0.08086		0.76986	186.3		0.0757		0.7957	5 84

0.720 0.07575 16 0.79578 84 0.750 0.07108 15 0.82108 0.722 0.07543 16 0.795878 84 0.751 0.07033 15 0.82213 0.722 0.07527 16 0.7927 84 0.752 0.0703 15 0.8223 0.724 0.07511 16 0.79911 84 0.754 0.07048 15 0.8248 0.755 0.07033 15 0.8253 0.725 0.07495 16 0.80079 84 0.756 0.07018 15 0.8253 0.722 0.07485 16 0.80079 84 0.756 0.07018 15 0.8253 0.722 0.07483 15 0.80163 85 0.756 0.07018 15 0.8253 0.722 0.07483 15 0.80163 85 0.756 0.07018 15 0.8253 0.722 0.07483 15 0.80163 85 0.758 0.06988 15 0.82188 0.722 0.07483 16 0.80332 84 0.759 0.06973 15 0.82183 0.82183 15 0.8
0.722 0.07543 16 0.79743 84 0.752 0.07078 15 0.82278 0.722 0.07527 16 0.79827 84 0.753 0.07063 15 0.82263 0.724 0.07511 16 0.79911 84 0.754 0.07048 15 0.82483 0.725 0.07495 16 0.79995 84 0.756 0.07033 15 0.82263 0.729 0.07447 16 0.80079 84 0.756 0.07018 15 0.8268 0.727 0.07463 15 0.80163 85 0.757 0.07003 15 0.82268 0.728 0.07448 15 0.80163 85 0.758 0.06988 15 0.82288 84 0.758 0.06988 15 0.82288 84 0.759 0.06973 14 0.82878
0.723 0.07527 16 0.79827 84 0.753 0.07063 15 0.82863 0.724 0.07511 16 0.79911 84 0.754 0.07048 15 0.82448 0.725 0.07449 16 0.79995 84 0.756 0.07018 15 0.82488 0.82533 0.726 0.07449 16 0.80079 84 0.756 0.07018 15 0.82618 0.728 0.07463 15 0.80163 85 0.757 0.07003 15 0.82618 0.728 0.07448 16 0.8023 84 0.758 0.06988 15 0.82788 0.739 0.07432 16 0.80332 84 0.759 0.06973 14 0.82878
0.725 0.07495 16 0.79995 84 0.735 0.07033 15 0.82533 0.7326 0.07479 16 0.80079 84 0.736 0.07018 15 0.82618 0.737 0.07463 15 0.80163 85 0.737 0.07033 15 0.82618 0.738 0.07448 16 0.80248 84 0.738 0.06988 15 0.82748 0.739 0.07433 16 0.80332 84 0.759 0.06973 14 0.82873
0.726 0.07479 16 0.80079 84 0.756 0.07018 15 0.82618 85 0.757 0.07003 15 0.82703 86 0.728 0.07448 16 0.80248 84 0.758 0.06988 15 0.82788 0.739 0.07432 16 0.80332 84 0.759 0.06973 4 0.82873
0.728 0.07448 16 0.80248 84 0.758 0.06988 15 0.82708 0.739 0.07432 16 0.80332 84 0.759 0.06973 4 0.82873
0.729 0.07432 16 0.80332 84 0.759 0.06973 14 0.82873
0.730 0.07416 16 0.80416 84 0.760 0.06959 15 0.82959
0.781 0.07480 15 0.80505 85 0.761 0.06944 15 0.83044
0.782 0.07385 16 0.80585 84 0.762 0.06929 15 0.88129 0.762 0.06914 14 0.82214
0.734 0.07354 16 0.80754 84 0.764 0.06900 15 0.83300
0.735 0.07338 16 0.80838 84 0.765 0.06885 15 0.83385 0.736 0.07323 16 0.80922 84 0.766 0.06870 1.4 0.83470
0.737 0.07301 16 0.81007 84 0.767 0.06856 15 0.83556
0.738 0.07291 15 0.81091 55 0.768 0.06841 14 0.83641
[0.739]0,07376]15 [0.8126]0.769]0.06827 [0.740]0.0736]15 [0.8126]0.770]0.06812 [0.83812]
0.741 0.07245 15 0.81845 85 0.771 0.06798 15 0.83898
0.772 0.07230 15 0.81430 85 0.772 0.06783 4 0.83983 0.748 0.072 5 5 0.815 15 0.773 0.06769 0.84069
9.744 0.07199 0.81599 0.774 9.06754 0.84154
9.745 0.07184 15 0.81684 85 0.775 9.06740 15 0.84240
0.740 0.07169 15 0.81769 85 0.776 0.06725 14 0.84325
0.748 0.07128 15 0.81938 84 0.778 0.6697 14 0.84497
0.749 0.07123 15 0.82023 85 0.779 0.06683 14 0.84583 0.750 0.07108 15 0.82108 9,780 0.06683 15 0.84683

A	В	D.	C	υ.	A	В	n	C	D.
0.780	0.06668	14	0.84668	86	0.810	0.06254	14	0.87254	86
0.781	0.06654	14	0.84754	86	0.811	0.06240	13	0.87340	87
$\frac{0.782}{0.783}$	0.06626	14	0.84926	86	0.812	0.06214	13	0.87514	87
0.784	0.06612	14	0.85012	86 85	0.814	0.06200	14	0.87600	86
0.785	0.06597	14	0.85097	86	0.815	0.06187	13	0.87687	87
0.786	0.06583	14	0.85183	86	0.816	0.06174	13	0.87774	87
0.788	0.06555	14	0.85355	86	0.818	0.06147	13	0.87947	86
0.789	0.06541	14	0.85441	86	0.819	0.06134	13	0.88034	87
0.790	0.06527	14	0.85527	86	0.820	0.06121	13	0.88121	87
-	0.06500	13	0.85700	87 86		0.06095	13	0.88295	87
	0.06486	14	0.85786	86		0.06082	13	0.88382	87
	0.06472	14	0.85958	86	0.824	0.06056	13	0.88556	87
0.796	0.06444	14	0.86044	86 86			13	0.88643	87
	0.06430	13	0.86130	87	01021	-	13	0.88730	81
	0.06417	14	0.86217	86		0.06017	13	0.88817	87
	0.06389	14	0.86389	86			13	0.88991	87
	0.06376	14	0.86476	86	0.831	0.05978	13	0.89078	81
	0.06362	14	0.86562	86		0.05965	13	0.89252	87
0.804	0.06335	13	0.86735	86	0.834	0.05939	13	0.89339	88
	0.06321	13	0.86821	87	0.835	0.05927	13	0.89427	87
	0.06294	14	0.86994	86	0.837	0.05901	13	0.89601	87
0.808	0.06281	13	0.87081	87	0.838	0.05889	12	0.89689	88
	0.06267	13	0.87167	87		0.05876	13	0.89776	87

A	B 1	C	.	A	В		C	
	D.		D.			D.	0.00406	ъ.
0.0 20	5863 12	0.89863	88	0.870	0.05496	12	0.92496	88
0.0	5939 10	0.89951	87	0.871	0.05484	12	0.92672	88
01012	13		87	0.872		12	0.92760	88
0.00	5825 12	0.90125	88	0.873	0.05469	12	0.92848	88
0.0.	5900 10	0.90300	87	0.874	0.05436	12	0.92936	88
010.10	7700	_	88	0.875		11		89
	5788 13	0.90388	87	0.0.0	0.05425	12	0.93025	88
00000	5763	0.90563	88	0.877	0.05401	12	0.93201	88
	F7E1 12	0.000	88	0.878		11	0.93290	89
AT RESIDENCE AND ADDRESS.	5751 13	0.90651	87	0.879	0.05390	12	0.93378	88
	5726	0.90826	88	0.880	0.05366	12	0.93466	88
	5714 12	0.90914	88	_	0.05355	11	0.93555	89
	E701 10	0.01001	87	0.882	0.05343	12	0.93643	88
0.854 0.0	5689 12	0.91089	88			11	0.93732	89
0.855 0.0	5677	0.91177	88		0.05320	12	0.93820	88
0.856 0.0	ECCA	0.91264	87		0.05308	12	0.93908	88
0.857 0.0	5659	0.91352	88	0.887	0.05297	11	0.93997	89
	5640	0.91440	88	0.888	0.05286	11	0.94086	89
	5690 12	0.91528	88	0.889	0.05274	12	0.94174	88
	5616 12	0.91616	88		0.05263	11	0.94263	89
0.861 0.0	5604	0 0 1 7 0 4	88	0.891	0.05251	12	0.94351	88
	5501 13	0 01701	87	0.892	0.05240	11	0.94440	89
0.863 0.0	5579 12	0.91879	88	0.893	0.05229	11	0.94529	89
0.864 0.0	5567 12	0.01067	88	_	0.05217	12	0.94617	88
0.865 0.0	SEEE 12	0.02055	88	0.895	0.05206	!!	0.94706	89
0.866 0.0	5543 12	0.92143	88	0.896	0.05195	11	0.94795	88
0.867 0.0	5531 12	0.99931	88	0.897	0.05183	0.00	0.94883	89
The second second second	5519 12	0 02210	88	0.898	0.05172	11	0.94972	89
0.869 0.0	5508	0 99408	88	0.899	0.05161		0.95061	89
0.870 0.0	5496	0.92496	90	0.900	0.05150		0.95150	-

A	В	ע	C	D.	A	В	D.	C	D.
0.900	0.05150	11	0.95150	89	0.930	0.04824	10	0.97824	90
0.901	0.05127	12	0.95327	88 89	0.931	0.04814	11	0.98003	89
0.000	0.05116	11	0.95416	89		0.04793	11	0.98093	90
0.904	0.05094	11	0.95505	89		0.04782	10	0.98182	90
	0.05083	11	0.95683	89		0.04762	11	0.98362	90 89
0.907	0.05072	11	0.95772	89 89		0.04751	10	0.98451	90
0.909	0.05050	11	0.95950	89	0.939	0.04731	11	0.98631	90 89
0.910	0.05039	11	0.96039	89	0.940	0.04720	10	0.98720	90
	0.05017	11	0.96217	89	0.942		10	0.98900	90
	0.05006	11	0.96306	89	0.943	0.04689	10	0.98989	90
0.915	0.04985	10	0.96485	90	0.945	0.04669	10	0.99169	90
	0.04974	11	0.96574	89		0.04659	10	0.99259	90
0.918		11	0.96752	89	0.948	0.04639	10	0.99439	90
0.919		10	0.96841	90		0.04628	10	0.99528	90
0.921		11	0.97020	89	0.951		10	0.00709	90
0.922	0.04909	ii	0.97109	80		0.04598	10	00700	90
0.924		-110	0.97288	90 89	-	0.04578	10	0.99978	90
	0.04877	10	0.97377	90		0.04568	10	1 00060	90
0.927		-111	0.97556	89 89	_	0.04548	10	1.00248	90
	0.04845	10	0.97645	90		0.04538	10	1.00338	90
	0.04824	111	0.97824	89	7777	0.04519	9	1.00519	91

A	В		C		A	В	D.	C	D.
0.000	0.04519	D.	1.00519	D.	0.990	0.04231	9	1.03231	91
0.961	0.04509	10	1.00609	90	0.991	0.04222	9	1.03322	91
0.962	0.04499	10	1.00699	90	0.992	0.04213	10	1.03413	90
0.963	0.04489	10	1.00789	90	0.993	0.04203	9	1.03503	91
0.964	0.04479	10	1.00879	90	0.994	0.04185		1.03685	ar
0.965		9	1.01060	91	0.996		9	1.03776	91
0.966	0.04460	10	1 01 150	90	0.997	0.04167	10	1.03867	90
0.968			11.01240	90	0.998		9	1.03957	91
0.969	0.04430	9	1.01330	91	0.999		9	1.04048	
0.970	0.04421	10	1.01421	90	1.000			1.04139	91
0.971		-116	1.01511	-190	1.001	0.04121	- 3	1 04201	91
	0.04401		11 0169	'Isr	1 000	0.04112	9		
0.974	0.04382		1.01782	90	1.004	0.0410	9	1 04503	91
	0.04373	1	1.0187	91	1.00	0.04094	1	1.04594	101
0.976	0.04363	1	1.0196	3 90	1.00	0.0408	5	1.0468	
0.977		3	1.0205	- 91		0.0407	-1 4	1.0486	-1911
	0.04344	1	1.0214		1.00		٠ اه	1 0405	ar
0.979	0.0433		1.0223	5 91	1.01		9 '	1.0504	9 91
	0.0431	5 4	1 0941	- 90	1.01	-	n l	1.0514	0 91
	2 0.0430	6	9 1.0250	191	1.01	2 0.0403	2	1.0523	2 91
	3 0.0429	7	0 1.0259	7 90	1.01	3 0.0402		9 1.0532	-191
	4 0.0428	7	0 1.0268	7 9	1.01	4 0.0401		9 1.0541	2 31
	5 0.0427	8 1	0 1.0277			5 0.0400 6 0.0399		1.0559	6 91
	6 0.0426	-	9	-19		7 0.0398		1,0568	7 91
0.98		0	9 1.0295	0 3	1 01	8 0.0397		8 1.0577	9 91
	9 0.0424		0 1.0314		1.01	9 0.0397	0	0 1.058	0 01
	0 0.0423		9 1.0323	11	1.02	00.0396	11	1.0596	11

A	В	D.	C	D.	_ A	B	D.	C	ש
	0.03961	8	1.05961	92		0.03708 0.03700	8	1.08708	47
1.021	0.03944		1.06144	81 81		0.03691	9	1.08891	91
1	0.03935		1.06235	91		0.03683	8	1.08983	49
	0.03926 0.03918	8	1.06326	92		0.03675 0.03667	8	1.09075	92
1.026	0.03909	8	1.06509	91 92		0.03659	8	1.09259	92 92
	0.03901 0.03892	9	1.06601	91		0.03651 0.03643	8	1.09351 1.09443	92
	0.03883	9	1.06783	9 l 92		0.03635	8	1.09535	92 92
1.030	0.03875	9	1.06875	92 91		0.03627	8	1.09627	92
	0.03866	8	1.06966	92		0.03619	8	1.09719	92
1.033	0.03849	9	1.07149	91 92	1.063	0.03603	8	1.09903	92 92
H	0.03841	9	1.07241	91		0.03595	8	1.09995	92
	0.03832 0.03824		1.07332	92		0.03587 0.03579	8	1.10087 1.10179	92
1.037	0.03816	9	1.07516	92 91		0.03571	8	1.10271	92 92
	0.03807 0.03799	8	1.07607	92		0.03563 0.03555	8	1.10363	92
	0.03790	9	1.07790	91 92		0.03548	7	1.10548	93 92
	0.03782	8	1.07882	92		0.03540	8	1.10640	92
	0.03774 0.03765	9	1.07974	91		0.03532 0.03524	8	1.10732	92
	0.03757	8	1.08157	92 92	1.074	0.03516	8	1.10916	92 93
	0.03749 0.03741	8	1.08249	92 92		0.03509 0.03501	8	1.11009	92
	0.03732	9	1.08432	91	1.077		8	1.11193	92
1.048	0.03724	8	1.08524	92 92	1.078	0.03485	8	1.11285	92 93
	0.03716 0.03708	8	1.08616	92		0.03478 0.03470	8	1.11378	92

A	В	D.	C	D.	A	В	ມ.	C D
1.080	0.03470	8	1.11470	92	1.110	0.03247 0.03240	7	1.14247 93
1.082	0.03455	7	1.11655	93 92	1.111	0.03232	8	1.14432 93
	0.03447	8	1.11747	92	1.113	0.03225	7	1.14525 93
1.084		7	1.11839	93 93	1.114	0.03218 0.03211	7	1.14618 93
1.086	0.03424	8	1.12024	92 93	1.116	0.03204	7	1.14804 93
1.087	0.03417 0.03409	8	1.12117	92	1.117	0.03197	7	1.14897 93
	0.03401	8	1.12301	92 93	1.119	0.03183	7	1 15092 93
1.090	0.03394	8	1.12394	92	1.120	0.03175	7	1.15175 92
1.091	0.03386	7	1.12486	93	1.121	0.03168	7	1.15268 93
1.093	0.03371	8	1.12671	92 93	1.123	0.03154	7	1.15454 93
	0.03364	7	1.12764	93	1.124	0.03147	7	1.15541 93
	0.03357 0.03349	8	1.12857	92 93		0.03140	7	1.15640 93
1.097	0.03342	8	1.13042	93 92	1.127	0.03126	6	1.15826 93
	0.03334 0.03327	7	1.13134	93	1.128	0.03120	7	1.15920 93
	0.63320	7	1.13320	93 92	1.130	0.03113	7	1.16106 93
	0.03312	7	1.13412	93	1.131	0.03099	7	1.16199 03
	0.03305 0.03298	7	1.13505	93	1.132	0.03092 0.03085	7	1.16292 93
	0.03290	8	1.13690	92 93		0.03078	7	1.16478 93
	0.03283 0.0327 6	7	1.13783	93	1.135	0.03071 0.030 6 5	6	1.16665 94
1.107	0.03268	8	1.13968	92	1.136	0.03058	7	1 16759 93
1.168	0.03261	7	1.14061	93 93	1.138	0.03051	7	1.16851 93
	U.U3254 U.U3247	7	1.14154	93	1.139	0.03044 0.03037	7	1.16944 93

A	B	C	D.	A	В	D.	C	D.
1.140	0.03037 6	1.17037	94	1.170	0.02841	6	1.19841	94
1.141	0.03031 7		93	1.171	0.02835	6	1.19935	94
1.142	0.03024 7	11.17224	93	1.172	0.02829	7	1.20029	93
1.143	0.03017 6	1 17317	94	1.173	0.02822	6	1.20122	94
1.144	0.03011 7	1.17411	93	1.174	0.02816	6	1.20216	94
1.145	0.03004 7	1.17504	93	1.175	0.02810	7	1.20310	93
1.146	0.02997 6	1.17597	94	1.176	0.02803	6	1.20403	94
1.147	0.02991 7	1.17691	93	1.177	0.02797	6	1.20497	94
1.148	0.02984	1.17784	93	1.178		6	_	94
1.149		1.17877	94	1.179		6	1.20685	3.5
1.150	la agagal	1.17971	93	1.180		7	1.20872	30
1.151	- 7	1.18064	93	1.181	-	0	1.20966	94
1.155		1.18157	94	1.182		10	1,21060	3.5
1.153		1.18251	93	1.183	0.02754	1	1.21154	Lane.
	0.02944	_	94	-	-		1.21248	94
1.15	0.02938 7	1.18438	93	1.185		10	1.21342	3.5
	0.02931 6	1.18625	94	1.186			1.2143	90
1.15		_	93	-	_	0	1.21529	94
	0.02918 6	1.18718	94	1.188		0	1.2162	34
1.15	0.02905	1.18905	93	1.190		10	1.2171	1 3.5
-	- 0	1.18999	94	1.10	-	6	1.2181	94
1.16	000000	1.19092	93	1 100	0.0270	0	1.2190	134
	0.02886	1.19186	94	1.19	0.02699	9	1.2199	94
-	4 0.02879	1.19279	93	1.10	-	5 0	1.2209	
	5 0 02873	1.19373	94	1 10		16	1.2218	94
	6 0.02867	1.19467	94	1.19	0.0268	11	1.2228	1 94
1.16	7 0 09960	1 10560	93	1 10	0.0267	6	1.2237	5 94
1.16		1 10654			8 0.02669	6	1.2246	9 94
1.16	9 0.02848	1.19748	93	1.19	9 0.0266	6	1.2256	3 94
1.17	0 0.02841	1.19841	100	1.20	0 0.0265	11	1.2265	1

	В	-	C		1 4	В		C	
-	D	D.		D.	A	D	D.		D
1.200	0.02657	e	1,22657	94	1.230	0.02485	e	1.25485	94
1,201	0.02651	6	1.22751	94		0.02479	5	1.25579	95
1.202	0.02645	6	1.22845	94	1,232	0.02474	6	1.25674	94
1.203	0.02639	24	1.22939		1.233	0.02468	0	1.25768	-
1.204	0.02634	5	1.23034	95 94	1.234	0.02463	0	1.25863	95 94
1.205	0.02628	0	1.23128		1.235	0.02457	6	1.25957	
1.206	0.02622	6	1.23222	94	1.236	0.02452	5	1.26052	95
1.207	0.02616	6	1.23316	94	1.237	0.02446	6	1.26146	94 95
1.208	0.02610	6	1.23410		1.238	0.02441	5	1.26241	
	0.02604	6	1.23504	94	1.239	0.02435	6	1.26335	94
1.210	0.02599	5	1.23599	95		0.02430	5	1.26430	95 94
1.211	0.02593	6	1.23693	94		0.02424	6	1.26524	-
1,212	0.02587	6	1.23787	94	1.242	0.02419	5	1.26619	95
1,213	0.02581	6	1.23881	94		0.02414	5	1.26714	95
1.214	0.02575	0	1.23975	94		0.02408	6	1.26808	94
1.215	0.02570	5	1.24070	95	1.245	0.02403	5	1.26903	95
	0.02564	6	1.24164	94		0.02397	6	1.26997	94
1.217	0.02558	6	1.24258	94		0.02392	5	1.27092	95
1.218	0.02552	6	1.24352	94	1.248	0.02387	5	1.27187	95
	0.02547	5	1.24447	95		0.02381	6	1.27281	94
1.220	0.02541	6	1.24541	94	1.250	0.02376	9	1.27376	95
1.221	0.02535	6	1.24635	94	1.251	0.02371	5	1.27471	95
1.222	0.02530	5	1.24730	95		0.02365	5	1.27565	94
1.223	0.02524	0	1.24824	94	1.253	0.02360	9	1.27660	95
1.224	0.02518	6	1.24918	94	1.254	0.02355	5	1.27755	95
The State of the S	0.02513	5	1.25013	95		0.02350	5	1.27850	95
	0.02507	6	1.25107	94		0.02344	6	1.27944	94
1.227	0.02502	5	1.25202	95	1.257	0.02339	5	1.28039	95
	0.02496	6	1.25296	94	10.0101.010	0.02334	5	1.28134	95
	0.02490	0	1.25390	94	1.259	0.02329	5	1.28229	95
1.230	0.02485	9	1.25485	95	1.260	0.02323	0	1,28323	34

	_			_		-	0	
A	B	D. C	D.	A	В	D.	C	D.
1.260	0.02323		95	1.290	0.02172	5	1.31172	95
1.261	0.02318			1.291	0.02167	5	1.31267	95
1.262	0.02313		3 95	1.292	0.02162	4	1.31362	96
1.263				1.293	0.02158	5	1.31458	95
1.264			3 94	1.294	0.02153	5	1.31553	95
1.265		1.2879	7 95	1.295	0.02148	5	1.31648	95
_		1 0000		1.296	0.02143	5	1.31743	95
1.266		0 1 0000		1.297	0.02138	5	1.31838	95
1 260	0.02282	1.2908	2 30	1.298	0.02133	3	1.31933	96
		1 9917	7 93	1.299	0.02129	*	1.32029	95
1.269		1 9097	9 30	1.300			1.32124	95
1.270		1.2936	7 95	1.301		3	1.32219	95
		- 5	95	1.302		5	1.32314	15.50
1.27	0.02262		7 33	1 303	0.02110	12	1.32410	96 95
1.27	0.02252	1.2965	2 90	1.304	0.02105	5	1.32505	15.5
	_	- 6	6 94		0.02100		1.32600	95
	0.02246	. 0 . 9094	1 93		0.02095		1.32695	190
1.27	0.0224		6 93	1.30			1.32791	96
_	-	- 5 -	- 95	-		-10	1.32886	95
1.27		0 1 2010	8 33	1.308			1.3298	39
1.27		0		1.310		14	1.3307	30
1.28	_	- 5 -	-195	-	-	- 5	1.33175	95
1,28				1.31		13	1.3326	132
1.28				1.31			1.3336	3 30
-	3 0.0220	- 5 -	- 95		_	-15	1.3345	95
	4 0.0220			1.31		1.5	1.3355	3 32
1.28				1.31		14	1.3364	
1.28	6 0.0219	-15	- 95	1.31		-15	-	95
1.28	7 0.0218	7 1.308		1.31			1.3374	
1.28		5 1.309	82 95	1.31			1.3384	2 33
1.28		1.310	77 95	1.31	9 0.0203		1.3403	
1.29	00.0217	2 1.311	721	1.32	0 0.0203	VI.	11.0403	VI.

Λ	В		C		A	В		C	1.
		D.		υ.			D.		D.
	0.02080	4	1.34030	96		0.01898	4	1.36898	120
	0.02026 9.02021	5	1.34221	95		0.01894	5	1.36994	95
		4		96			4		96
	0.02017	5	1.34317	95		0.01885	4	1.37185	96
1.324	0.02012 0.02008	4	1.34412	96		0.01881	4	1.37281	96
1.325		5		95		0.01877	5		95
	0.02003	4	1.84603	96		0.01872	4	1.37472	96
	0.01999 0.019 94	5	1.34699	95		0.01868 0.01864	4	1.37568	96
		4		96			4		96
1	0.01990 0.01985	5:	1.34890	95		0.01860 0.0185 6	4	1.37760	96
	0.01981	4	1.35081	96	1.361	0.01851	5	1.37951	95
1.331		5		95			4		96
	0.01976 0.01972	4	1.35176	96		0.01847 0.01843	4	1.38047	96
	0.01967	5	1.35867	95		0.01839	4	1.38239	96
		4	1.35463	96			4		96
	0.01963 0.01959	4	1.35559	96		0.01835 0.01831	4	1.38335	96
	0.01954	5	1.35654	95		0.01827	4	1.38527	96
		4	1.25750	96			5		95
	0.01950 0.01945	5	1.85845	95	1.368		4	1.38622	96
	0.01941	4	1.85941	96		0.01814	4	1.38814	96
	0.01987	4	1.36037	96		0.01810	4	1.38910	96
	0.01932	5	1.36132	95			4	1.39006	96
	0.01928	4	1.36228	96		0.01802	4	1.39102	96
	0.01924	4	1.36324	96		0.01798	4	1.39198	96
	0.01919	5	1.86419	95		0.01794	4	1.39294	96
	9.01915	4	1.36515	96		0.01790	4	1.39890	96
1.847	0.01911	4	1.36611	96	1.377	0.01786	4	1.39486	96
1.248	0.01906	5	1.86706	95	1.378	0.01782	4	1.39582	96
	6.01902	4	1.86802	96	1.879	0.01778	4	1.39678	96
	0.01898	4	1.36898	96	1.380	0.01774	4	1.89774	96

	_	_	_	_	-				-
A	В	n.l	C	D.	A	B	D.	C	υ
-	0.01774	. 1	.39774	96	1.410	0.01658		1.42658	96
1.350	0.01770		.39870	96	1.411	0.01654		1.42754	96
1.381			.39966		1.412	0.01650		1.42850	96
1.382		14 1-		96	_	0.01646	*	1.42946	100
1.383	0.01762		1.40062	96	1.413	0.01643	3	1.43043	97
1.384	0.01758		1.40158	96	1.414	0.01639	4	1.43139	96
1.385	0.01754	4 -	1.40254	96	1.415		4	1.43235	96
1,386	6.01750	1	1.40350	96	1.416	0.01635	3	1.43332	97
1.387		1	1.40446	96	1.417				96
1.388		*	1.40542		1.418	0.01628	4	1.43428	96
-		*	1,40638		1.419	0.01624	2	1.43524	97
1.389			1.40734		1.420	In a verter	4	1.43621	96
1.390			1.40830	30	1.421			1.43717	96
1.39	_	-144	1.40926	30	1.422	0.01613		1.43813	10000
1.39	2 0.01726	4	1.41022	an	1.423	100000		1.43910	97
	3 0.01722		1.41119		1.424			1.44006	96
	4 0.01719			-190	-		-14	1.44102	96
	5 0.01715		1.41215		1.425	0.0160		1.44199	159.4
1.39	6 0.0171	1 4	1.4131	96		0.0159		1.4429	
1.39	7 0.0170	1	1.41407	96	1.42	-	-14	-	-196
1.39	8 0.0170	3 .	1,4150		1.42	0.0159	1 2	1.4439	
	9 0.0169		1.4159	96	1.42			1.4448	
1.40	0 0.0169	5 4	1.4169	51	1.43	0.0158	4 2	1.4458	97
-	_	- 1.5	1.4179	97	1 42	0.0158	1 3	1.4468	
1.40			1.4188	130	1 43			1.4477	7 96
	2 0.0168		1.4198			3 0.0157		1.4487	4 97
	3 0.0168	- 4	_	- 90		_	-14	1.4497	96
	4 0.0168		1.4208	198		4 0.0157		1.4506	6 9
	5 0.0167		1.4217	6 9:	1.43	5 0.0156		1.4516	1.44
1.40	6 0.0167	3	1.4227	3 9	1.43	_	-14	-	- 9
	7 0.0166	- 4	1.4236	0	1 43			1.4525	1.0
	8 0.0166		1.4246	5 9	11.43	8 0.0155	6	1,4535	6 0
	9 0.0166		1.4256		1.43			1.4545	2 0
	0.0165		1.4265		1.44	0 0,0154	91	1.4554	9

A	В	D.	C		A	B	1	C	1
1.440	0.01549	D.	1.45549	D.	-	-	D.	Distance of the last of the la	D.
	0.01545	4	1.45645	96	1.470	0.01447	3	1.4844	
	0.01542	3	1.45742	97	1.472	0.01441	3	1.4864	114.7
1.443	0.01538	4	1.45838	96	1.473		4	1.48737	96
	0.01535	3	1.45935	97		0.01434	3	1.48834	91
1.445	0.01531	3	1.46031	97	1.475	0.01431	3	1.48931	97
	0.01528	3	1.46128	97	1 476	0.01428	3	1.49028	97
2000	0.01525	4	1.46225	96	1.477	0.01424	3	1.49124	90
20020	0.01521	3	1.46321	97	1.478	0.01421	3	1.49221	
1000	0.01518	4	1.46418	96	1.479	0.01418	3	1.49318	97
	0.01514	3	1.40514	97		0.01415	3	1.49415	97
2000	0.01511	4	1.46611	96	1.481	0.01412	4	1.49512	96
	0.01507	3	1.46707	97		0.01408	3	1.49608	97
	0.01501	3	1.46804	97		0.01405	3	1.49705	97
-	_	4	_	96	_	0.01402	3	1.49802	97
	0.01497	3	1.46997	97		0.01399	3	1.49899	97
	0.01490	4	1.47190	96		0.01396	3	1.49996	97
_		3 I	1.47287	97	_		4	1.50093	96
	0.01484		1 47244	9 .	20.700		3	1.50189	97
Company of the	0.01480	•	1.47480	90		0.01386		1.50286 1.50383	97
1.461	.01477	3	1.47577	77	-	0.01380	3		97
	.01474		1.47674	,,		0.01377		1.50480	97
1.463 0	.01470		1.47770	10		0.01374		1.50674	97
1.464 0	.01467		47867	7	-	0.01371	3 -	1.50771	97
1.465 0			47064	4		0.01368		1.50868	97
1.466 0	.01460	11	48060	0		0.01364		1.50964	96
1.467 0	.01457		48157	7	.497	0.01361	3	51061	97
1.468 0		1	48754			0.01358	5 !	51750	97
T1055 T	.01450 3		.48350 a	7 1	.499	0.01355	٠,	51955	97
1.470 0	.01447	1	.48447	1	.500 0	.01352	1	.51352	97

A	В	D.	C	D.	A	В	υ.	C	p
1.500	0.01352	3	1.51352	97	1.530	0.01263	3	1.54263	97
1.501	0.01349	3	1.51449	97	1.531	0.01260	3	1.54360	91
1.502	0.01346	3	1.51546	97	1.532	0.01257	2	1.54457	98
1,503	0.01343	3	1,51643	97	1,533	0.01255	3	1.54555	97
1,504	0.01340	3	1.51740	97	1.534	0.01252	3	1.54652	97
1.505	0.01337	3	1.51837	97	1.535	0.01249	3	1.54749	97
1.506	0.01334	3	1.51934	97	1.536	0.01246	3	1.54846	97
1.507		3	1.52031	97	1.537	0.01243	3	1.54943	97
1,508	0.01328	3	1.52128	97	1,538	0.01240	2	1.55040	98
	0.01325	3	1.52225	97	1.539	0.01238	3	1.55138	97
1.510	0.01322	3	1.52322	97		0.01235	3	1.55235	97
1.511	0.01319	3	1.52419	97	1.541	0.01232	3	1.55332	97
1.512	0.01316	3	1.52516	97		0.01229	3	1.55429	97
1.513		3	1.52613	97		0.01226	2	1.55526	98
1.514	0.01310	3	1.52710	97	1.544	0.01224	3		97
1.515	0.01307	3	1.52807	97	1.545	0.01221	3		97
1.516		3	1.52904	97		0.01218	3	1.55818	97
1.517		3	1.53001	97	1.547	0.01215	2	11.559151	98
	0.01298	3	1.53098	97	1.548	0.01213	3	1 56012	97
	0.01295	3	1.53195	97		0.01210	3	1.56110	97
1.520	0.01292	3	1.53292	97	1.550	0.01207	3	11.562071	97
1.521	0.01289	3	1.53389	97	1.551	0.01204	2	1.56304	98
1,522		3	1.53486	97		0.01202	3	1.56402	97
1.523	0.01283	3	1.53583	97	1.553	0.01199	3	11.564991	97
	0.01280	2	1.53680	98	1.554	0.01196	3	I SEEGE	97
	0.01278	3	1.53778	97	1.555	0.01193	2	1.56693	98
1.526	0.01275	3	1.53875	97	1.556	0.01191	3	1.567911	97
	0.01272	3	1.53972	97	1.557	0.01188	3	1 56999	97
	0.01269	3	1.54069	97		0.01185	2	1.56985	98
	0.01266	3	1.54166	97		0.01183	3	1.57083	97
1.530	0.01263		1.54263		1.560	0.01180	1-	1.57180	1

			_				
A	B	D C	D.	_A_	В	n.	<u>С</u> л
1.560	0.01180	1.57180	97	1.590	0.01102	2	1.60102 98
1.561	0.01177	2 1.57277	98	1.591	0.01100	3	1.60200
1.562	0.01175	3 1.57875	97	1,592	0.01097	2	1.60297 98
1.563		3 1.57472	97	1.593	0.01095	3	1.60395 07
1.564		2 1.57569	98	1.594	0.01092	2	1.60492 98
1.565	0.01167	3 1.57667	97	1.595	0.01090	3	1.60590 97
1.566	0.01164	3 1.57764	97	1.596	0.01087	2	1.60687 98
1.567	0.01161	2 1.57861	98	1.597	0.01085	3	1.60785 97
1.568	0.01159	3 1.57959	97	1.598	0.01082	2	1.60882 98
1.569	0.01156	3 1.58056	97	1.599	0.01080	3	1.60980 07
1.570		, 1.58153	98	1.600	0.01077	2	1.61077
1.571	0.01151	3 1.58251	97	1.601	0.01075	2	1.61175 98
1.572	0.01148	2 1.58348	98	1.602	0.01073	3	1.61273 97
1.573	0.01146	R 11.58446	97	1.603	0.01070	2	1.61370 QR
1.574	0.01143	3 1.58543	97	1.604	0.01068	3	1.61468 97
1.575	0.01140	2 1.58640	98	1.605	0.01065	2	1.61565 98
1.576	0.01138	3 1.58738	97	1.606	0.01063	3	1.61663 97
1.577	0.01135	1.58835	98	1.607	0.01060	2	1.61760 98
1.578	0.01133	3 1.58933	97	1.608	0.01058	2	1.61858 98
	0.01180	2 1.59030	98	1.609	0.01056	3	1.61956 07
1.580	0.01128	3 1.59128	97	1.610	0.01053	2	1.62053 98
1.581	In Attest	3 1.59225	97	1.611	0.01051	3	1.62151 97
1.582	0.81122	2 1.59822	98	1.612	0.01048	2	1.62248
1.583	10.011201	3 1.59420	97	1.613	0.01046	2	1.62346 98
1.584	0.01117	1.59517	98	1.614	0.01044	2	1.62444 97
1.585		× 11.59615	97	1.615	0.01041	2	1.02541 00
1.586	0.01112	2 1.59712	98	1.616	0.01039	2	1.62639 98
1.587	0.01110	1.59810	97	1.617	0.01037	3	1.62787 97
1.588	0.01107	1.59907	98	1.618	0.01034	2	1.62834 98
1.589	0.01105	1.60005	97	1.619	0.01032	2	1.62932
1.590	10.01102	1.60102	1-,	1.620	0.01030	Ι.	1.68030

A	В	D.	C	D.	A	В	υ,	C	D.
	0.01030	3	1.63030	97	*****	0.00962	3	1.65962	97
1.621	0.01027 0.01025	2	1.63225	98		0.00957	2	1.66157	98
	0.01022	3	1,63322	97		0.00955	2	1.66255	98 98
1.624	0.01020	2	1.63420	98		0.00953	2	1.66353	98
	0.01018	2	1.63518	98	-	0.00951	3	1.66451	97
	0.01016	3	1.63616	97		0.00948	2	1.66548	98
1.627	0.01013	2	1.63811	98	1.658	0.00946	2	1.66646	98
	0.01009	2	1.63909	98	_	0.00942	2	1.66842	98
	0.01006	3 2	1.64006	97 98		0.00940	2	1.66940	98
	0.01004	2	1.64104	98	1.661	0.00938	2	1.67038	98
	0.01002	3	1.64202	97		0.00936	3	1.67136	97
	0.00999	2	1.64299	98		0.00933	2	1.67233	98
_	0.00997	2		98	-	0.00931	2	1.67429	98
	0.00995	2	1.64495	98	1.666	0.00929	2	1 67597	98
	0.00990	3	1.64690	97		0.00925	2	1.67625	98
1.638	0.00988	2	1.64788	98	1,668	0.00923	2	1 67799	98 98
	0.00986	2	1.64886	98		0.00921	2	1.67821	98
_	0.00984	3	1.64984	97		0.00919	2	1.67919	98
	0.00981	2	1.65081	98		0.00917	2	1.68017	98
	0.00979	2	1.65277	98		0.00913	3	1.68212	97
	0.00975	2	1.65375	98		0.00910	2	1 60210	98
	0.00973	2	1.65473	98 97		0.00908	2		98 98
1.646	0.00970	2	1.65570	98	1.676	0.00906	2	1 68506	98
	0.00968	2	1.65668	98		0.00904	2	1.68604	98
	0.00966	2	1.65766	98		0.00902	2	1 62200	98
	0.00964 0.00962	2	1.65962	98		0.00900	2	1.68898	98

	В		C		i A	В	-	C L
		D.		D.		-	D.	D.
1.680	0.00898	2	1.68898	98	1.710	0.00889	•	1.71839 98
1.681	0,00896	2	1.68996	98	1.711	0.00887	•	1.7 1987 08
1.682	6.00894	2	1.69094	98	1.712	0.00835	2	1.72025 98
1.683	0.00892	2	1.69192	98	1.718	0.00833	2	1.72133
1.684		3	1.69290	98	1.714	0.00881	2	1.72331 98
1.685	0.00888	2	1.69388	98	1.715	0.00829	2	1.72329 98
1.686	0.00886	2	1.69486	98	1.716	0.00827	2	1.72427 98
1.687	0.00884 0.00882	2	1.69584	98	1.717	0.00825 0.00823	2	1.72525 98
1.688	0.00880	2		98	1.418		1	199
1.689	0.00878	2	1.69780 1.69878	98	1.719	0.00822	2	1.72722 98
1.691	0.00876	2	1.69976	98	1.721	6.00818	2	1.72918 98
1 600	0.00874	2	1.70074	98	1.722	0.00816	2	1.73016
1.602	0.00872	2	1.70172	98	1.722	0.00814	2	1 72414 98
1.694	0.00870	3	1.70270	98	1.724	0.00812	2	1.73212 98
1.695	0.00868	2	1.70368	98	1.725	0.00810	2	1.78810
	0.00866	2	1.70466	98	1.726	0.00040	2	1.78400 99
1.697	0.00864	2	1.10564	98	1.727	0.00807	3	1.73507 98
1.698	9.00862	2	1.70662	98 98	1.728	0.00805	3	1.73605 98
1.699	0.00860	2	1.70760	98	1.729	0.00803	2	1.73703 98
1.700	0.00858	2	1.70658	98	1.730	07008011	2	1.73601 98
	0.00856	•	1.70956	98	1.731	A.AAT991		1.73899
	0.00854	2	1.11024	98	1.732	6.00798	2	1.73998 08
1.708	0.00852	2	1.71152	98	1.733	0.00796	2	1,74096 98
	0.00R50	2	1.71250	98		0.00794	2	1.74194 98
	0.00848	2		98		0.00792	2	1.74292 98
	0.60646	2	1.714461	98		0.00190	1	1.74390
	0.60844	2	1 715441	98		0.00789	2	1.74489 98
	0.00842	1	1.71542	99	1.738	0.00787	2	1.74587 98
	0.00841	2	1.51771	98	1.138	0.00783	2	1.74085 98
1.110	0.00839	1	1.41000		1	A-40.1991		1.12 (43)

A	В	D. C	D.	A	В	D.	C	D.
1.740	0.00783	9 1.74783	98	1.770	0.00731	1	1.77731	99
1.741	0.00781	1 1.74881	99	1.771	0.00730	2	1.77830	98
1.742	0.00780	2 1.74980	98	1.772	0.00728	2	1.77928	98
1.743	0.00446	9 1.75078	98	1.773	0.00726	1	1.78026	99
1.744	0.00776	2 1.75176	98	1.774	0.00725	2	1.78125	98
1.745	0.00774	1 1.75274	99	1.775	0.00723	2	1.78223	98
1.746	0.00773	2 1.75373		1.776	0.00721	1	1.78321	99
1.747		2 1.75471	98	1.777	0.00720	2	1.78420	98
1.748	0.00769	2 1.75569	98	1.778	0.00718	2	1.78518	98
1.749	0.00767	1 1.75667	99	1.779	0.00716	1	1.78616	99
1.750	0.00766	2 1.75766	98	1.780	0.00715	2	1.78715	98
1.751	0.00764	2 1.75864	98	1.781	0.00713	1	1.78813	99
	0.00762	2 1.75962	98	1.782	0.00712	2	1.78912	98
	0.00760	1 1.76060	99	1.783	0.00710	2	1.79010	98
1.754	0.00759	2 1.76159	98	24102	0.00708	1	1.79108	99
		2 1.76257	98		0.00707	2	1.79207	98
	0.00755	2 1.76355	98		0.00705	2	1.79305	98
_	0.00753	1 1.76453	99		0.00703	1	1.79403	99
	0.00752	2 1.76552			0.00702	2	1.79502	98
	0.00750	2 1.76650	98		0.00700	1	1.79600	99
1.760	0.00748	1.76748	99	1.790	0.00699	2	1.79699	98
	0.00747	2 1.76847	98	1.791	0.00697	1	1.79797	99
1000	0.00745	2 1.76945			0.00696	2	1.79896	98
	0.00743	2 1.77043	98		0.00694	2	1.79994	98
	0.00741	1 1.77141	194		0.00692	1	1.80092	99
	0.00740	2 1.77240			0.00691	2	1.80191	98
277.57	0.00738	2 1.77338	98		0.00689	1	1,80289	99
	0.00736	1 1.77436	00		0.00688	2	1.80388	98
	0.00735	2 1.77535	198		0.00686	2	1.80486	98
	0.00733	2 1.77731	198		0.00683	1	1.80584	99
1.110	0.00131	11.11131	1	1.000	10.00000		1.00000	

A	В	ם	C	р.	Α	В	D.	C	D.
1.800	0.00683	2	1.80683	98		0.00638	2	1.83638	98
1.801	0.00681	1	1.80781	99		0.00636	1	1.83736	99
1.802	0.00680	2	1.80880	98	1.832	0.00635	2	1.83835	98
1.803	0.00678	1	1.80978	99		0.00633	1	1.88933	99
1.804		2	1.81077	98		0.00632	2	1.84032	98
1.805		ı	1.81175	99	1.835	0.00630	1	1.84130	99
	0.00674	2	1.81274	98		0.00629	1	1.84229	99
1.807		1	1.81372	99		0.00628	2	1.84328	98
1.808		2	1.81471	98		0.00626	ı	1.84426	99
1.809		2	1.81569	98		0.00625	2	1.84525	98
1.810		ī	1.81667	99		0.00623	ī	1.84623	99
1.811	0.00666	2	1.81766	98	1.841	0.00622	2	1.84722	98
1.812	0.00664	Ī.	1.81864	99		0.00620	1	1.84820	99
1.813	0.00663	2	1.81963	98		0.00619	ī	1.84919	99
1.814	0.00661	ī	1.82061	99	1.844	0.00618	2	1.85018	98
1.815	0.00660	2	1.82160	98	1.845	0.00616		1.85116	99
1.816	0.00658	1	1.82258	99	1.846	0.00615	2	1.85215	98
1.817	0.00657	2	1.82357	98	1.847	0.00613	,	1.85313	99
1.818	0.00655	7	1.82455	99	1.848	0.00612	;	1.85412	99
1.819		,	1.82554	98	1.849	0.00611	2	1.85511	98
1.820	0.00652	,	1.82652	99	1.850	0.00609	,	1.85609	99
1.821	0.00651	١,	1.82751	98	1.851	0.00608	,	1.85708	98
	0.00649	ľ	1.82849	99	1.852	0.00606	٦	1.85806	99
1,828	0.00648	2	1.82948	98	1.853	0.00605		1.85905	99
1.824	0.00646	١.	1.83046	99	1.854	0.00604	2	1.86004	98
1.825	0.00645	ľ	1.83145	99	1.855	0.00602	2	1.86102	99
1.826	0.00644	,	1.83244	98	1.856	0.00601	•	1.86201	98
1.827	0.00642	1.	1.83342	99	1.857	0.00599	٦.	1.86299	99
1.828	0.00641	5	1.83441	98		0.00598	1	1.86398	99
	0.00639	î	1.83539	00		0.00597	2	1.86497	00
1.830	0.00638	1-	1.83638	-3	1.860	0.00595	~	1.86595	-3

A	В	D.	C	D.	A	В	D	C	D.
	0.00595	1	1.86595	99		0.00556	1	1.89556	99
1.861	0.00594	1	1.86694	99	1.891	0.00555	2	1.89753	98
1.862		2	1.86991	98	11000	0.00552	1	1.89852	99
	0.00591	1	1.86990	99	1.893	9.00551	1	1.89951	99
1.894	0.00589	1	1.87089	99	1.895	0.00550	1	1.90050	99
	0.00587	2	1.87187	98		0.00548	2	1.90148	98
1.867	0.00586	1	1.87286	99	1.897	0.00547		1.90247	99
1.868	0.00585	1	1.87385	98	1.898	0.00546		1.90346	99
	0.00583	2	1.87483	99	1.899	0.00545	2	1.90445	98
1.870	0.00582	1	1.87582	99	1.900	0.00543	1	1.90543	99
1.871	0.00581	2	1.87681	98		0.00542	1	1.90642	99
1.872	0.00579	1	1.87779	99		0.00541	1	1.90741	99
1.873	0.00578	i	1.87878	99	1.903	0.00540	2	1.90840	98
	0.00577	2	1.87977	98			1	1.91037	99
		1	1.88075	99	1.905	0.00537	1	1.91136	99
	0.00574	1	1.88174	99		0.00535	1	1.91235	99
		2	1.88371	98		0.00533	2	1.91333	98
	0.00571	1	1.88470	99	1.909	0.00532	1	1.91432	99
	0.00569		1.88569	199		0.00531	1	1.91531	99
	0.00567		1.88667	98	1.911			1.91630	99
1.882	0.00566	1	1.88766		1.912	0.00529		1.91729	98
	0.00565		1.88865	99	1.913	0.00527	1	1.91827	99
1.884	0.00564		1.88964	98	1.914	0.00526		1.91926	00
	0.00562		1.89062	00	1.915			1.92025	00
1.886	0.00561	1	1.89161	99	-	0.00524	-11	1.92124	- 99
	0.00560		1.89260	00		0.00523		1.92223	
	0.00558		1.89358	00	1.918	0.00521		1.92321	99
	0.00557		1.8945	199		0.00520		1.92519	
1.890	0.00556	1	11.09999		11.920	10.00313	1		-

1	A	B	D.	C	D.) A	B	D	C	Ī.
1	1.92	0.00519	-1	1.9251	0	1.950	0.00485	2	1.95485	D
1	1.92			1.92618	8 99	1.951	0.00483	2	1.95583	188
ı	1.92	2 0.00517	9	1.92717	98	1.952	0.00482	:	1.95682	99
1		3 0.00515		1.92813	5 00	1.953	0.00481	:	1.95781	99
1		4 0.00514		1.92914	40	1.954	0.00480	:	1.95880	
ı	1.92		- 1	1,93013	99	1.955	0.00479		1.95979	99
ı	1.92		1	1.93112	00		0.00478	. 1	1.96078	99
1	1.92	The state of the s	1	1.93211	90		0.00477	il	1.96177	99
ı	1.92	-	9	1.93310	48	1.958	0.00476	1	1.96276	99
I		0.00508	1	1.93408		1.959	0.00475		1.96375	99
ı		0.00506	1	1.93507	100		0.00474		1.96474	99
ı	_	0.00505	1	1.93705	00		0.00473	2	1.96573	98
ı	THE RESERVE OF	0.00504		1.93804	99		0.00471		1.96671	99
		0.00503		1.93903	99		0.00470		1.96770	99
ı	1.935	0.00502	11 1	1.94002	99			ŀ		99
		0.00500		1.94100	98		0.00468		1.96968	99
ı	1.937	0.00499		.94199	99		0.00466		.97166	99
li	.938	0.00498		.94298	99	-	0.00465	1	.97265	99
1	.939	0.00497		.94397	99		0.00464		.97364	99
1	.940	0.00496	. 1	.94496	99		0.00463		.97463	99
		0.00495	: 1	.94595		1.971	0.00462	-		99
	.942	0.00494	2 1	.94694	98	1.972	0.00461		.97661	99
		0.00492	- 1	.94792	99	1.973	0.00460	1	-31100	99
		0.00491		.94891		1.974	0.00459	i	.97859	99
		0.00490		.94990	99	.975	0.00458	1	.31330	99
	-	0.00489	I -	.95089	99	.976	.00457	1	.98057	99
10	22.00	0.00488		.95188	99		0.00456	1	.98156	99
		0.00487		.95287	64		.00454	- 1		18
		0.00485		.953861	99		.00453		.98353	
		100	- ''	163466	111	.98010	0.00452	11	.98452	99

A	В	D.	C	D	A	В	D.	C	Dif.
1.980	0.00452		8452	29 29	2.10		8	2.10344	992
1.981	0.00451		85511	99	2.11	0.00336 0.00328	8	2.11336 2.12328	992
1.982	-	1 -		99 .	2.12		7	-	993
	0.00449	1000	8749			0.00321	8	2.13321 2.14313	992
	0.00448		8947			0.00313	7	2.15306	993
_		1 -	-	99 .	2.15	-	7		993
	0.00446		9046			0.00299 0.00293	6	2.16299 2.17293	994
1.987	0.00444	1000	9244	9911	2.18		7	2.18286	993
	0.00443	1 -	9343	99 .	-	0.00280	6	2.19280	994
	0.00443		0449	99	$\frac{2.19}{2.20}$	0.00280	7	2.19230	993
1.991	0.00441	1000	9541	9911	2.21	0.00267	6	2.21267	994
_	0.00440	1 -	9640	99			6	2.22261	994
	0.00439		0730	99	2.22	0.00255	6	2.23255	994
	0.00438		9838	99	2.24		6	2.24249	994
_	0.00437	1 1 0	0027	99	_	0.00244	5	2.25244	995
	0.00436		00036	99		0.00238	6	2.26238	994
	0.00435	2.0	001351	99	2.27		5	2.27233	995
_	0.00434	1 2.0	0924	99	-	0.00227	6	2.28227	994
	0.00433	1000	0333	99	2.29	0.00222	5	2.29222	995
2.000	0.00432	2.0	0432	9 39 11		0.00217	3	2.30217	995
2.010	0.00422	0 2.01	422 9	90	2.31	0.00212	5	2.31212	995
	0.00413	9 2.02	#10	91	2.32	0.00207	5	2.32207	998
2.03	0.00403	0 2.03	#U0		2.33	0.00203	5	2.33203	99
2.04	.00394	9 2.04	394		2.34	0.00198	A	2.34198	996
2.05	0.00385	9 2.05		91	2,35	0.00194	5	2.35194	995
2.06	0.00377	8 2.06	011		2.36	0.00189	4	2.36189	996
2.07	0.00368	9 2.07	308		2.37	0.00185	4	2.37185	990
2.08	.00360	8 2.08	300		2.38	0.00181	4	2.38181	990
	0.00352	8 2.09	002		2.39	0.00177	4	2.39177	996
2.10	0.00344	8 2.10	344 9	92	2.40	0.00173		2.40173	

A	R		C		A	В		C	
-		D.		Dif.		В	D.		Dif.
2.40	0.00173	4	2.40173	996	2.70	0.00087	2	2.70087	998
2.41	0.00169	4	2.41169	996	2.71	0.00085	2	2.71085	998
2.42	0.00165	4	2.42165	996	2.72	0.00083	2	2.72083	998
2.43	0.00161	4	2.43161	996	2.73	0.00081	2	2.73081	998
	0.00157	3	2.44157	997	2.74	0.00079	2	2.74079	998
2.45	0.00154	4	2.45154	996	2.75	0.00077	2	2.75077	998
2.46	0.00150	3	2.46150	997	2.76	0.00075	-	2.76075	999
2.47	0.00147	3	2.47147	997	2.77	0.00074	2	2.77074	998
2.48	0.00144	4	2.48144	996	2.78	0.00072	2	2.78072	998
2,49	0.00140	3	2.49140	997	2.79	0.00070		2.79070	999
	0.00137	3	2.50137	997	2.80	0.00069	2	2,80069	998
2.51	0.00134	3	2.51134	997	2.81	0.00067	7	2.81067	999
2.52	0.00131		2.52131	997	2.82	0.00066	2	2.82066	998
	0.00128	3	2.53128	997	2,83	0.00064	1	2.83064	999
2.54	0.00125	3	2.54125	997	2.84	0.00063	2	2.84063	998
2.55	0.00122	3	2.55122	997	2.85	0.00061		2.85061	999
	0.00119		2.56119	998	2.86	0.00060	:	2.86060	939
2.57	0.00117		2.57117	997	2.87	0.00059	9	2.87059	998
2.58	0.00114		2.58114	997	2.88	0.00057		2.88057	999
2.59	0.00111	2	2.59111	998	2.89	0.90056	:	2.89656	999
2.60	0.00109	3	2.60109	997	2.90	0.00055	9	2.90055	998
	0.00106		2.61106	998	2.91	0.00053	-	2.91053	999
	0.00104	2	2.62104	998	2.92	0.00052		2.92052	999
2.63	0.00102		2.63102	997	2.93	0.00051		2.93051	999
2.64	a aggaga		2.64099		2.94	0.00050		2.94050	999
	0.00097	2	9.650971	998	2.95	0.00049		2.95049	999
2.66	0.00095	2	2.060951	5.2.5	2.96	0.00048	:	2.96048	
2.67	0.00093	2	2.67093	998	2.97	0.00047		2.97047	999
2.68	0.00091	2 2	7.680911	998		0.00045	2	2.98045	998
	0.00089	2		998	2.99	0.00044	:	2.99044	999
2.70	0.00087	- 1	2.70087	990	3.00	0.00043	•	3.00043	200

A	В	D.	C	Dif.	A	В	D.	C	Dif.
3.00	0.00043	1	3.00043	999	3.30	0.00022	I	3.30022	999
3.01	0.00042	1	3.01042	999	3.31	0.00021	0	3.31021	1000
3.02	0.00041	0	3.02041	1000	3.32	0.00021	1	3.32021	999
	0.00041	1	3.03041	999	3.33	0.00020	0	3,33020	1000
	0.00040	i	3.04040	999	3.34		1	3.34020	999
3.05	0.00039	1	3.05039	999	3.35	0.00019	0	3.35019	1000
	0.00038	1	3.06038	999	3.36	0.00019	0	3.36019	1000
	0.00037	i	3.07037	999	3.37	0.00019	ĭ	3.37019	999
3.08	0.00036	1	3.08036	999	3.38	0.00018	0	3.38018	1000
3.09	0.00035	i	3.09035	999	3.39	0.00018	1	3.39018	999
	0.00034	0	3.10034	1000	3.40	0.00017	3	3.40017	9997
3.11	0.00034	1	3.11034	999	3,5	0.00014	3	3.50014	9997
3.12	0.00033		3.12033	999	3.6	0.00011	2	3.60011	9998
3.13	0.00032		3.13032	999	3.7	0.00009	2	3.70009	9998
3.14	0.00031	0	3.14031	1000	3.8	0.00007	2	3.80007	9998
3.15	0.00031		3.15031	999	3.9	0.00005		3.90005	9999
3.16	0.00030	:	3.16030	999	4.0	0.00004	ì	4.00004	9999
3.17	0.00029	0	3.17029	1000	4.1	0.00003	0	4.10003	Publica
3.18	0.00029		3.18029	1000	4.2	0.00003	1	4.20003	10000
3.19	0.00028		3.19028	999	4.3	0.00002	0	4.30002	9999
3.20	0.00027	0	3.20027	999	4.4	0.00002	1	4.40002	10000
3.21	0.00027		3.21027	1000	4.5	0.00001	6	4.50001	9999
	0.00026	0	3.22026	999	4.6	0.00001	0	4.60001	10000
3.23	0.00026		3.23026	1000	4.7	0.00001	0	4.70001	10000
3.24	0.00025	1	3.24025	999	4.8	0.00001	0	4.80001	10000
	0.00024	1	3.25024	999	4.9	0.00001	1	4.90001	10000
	0.00024	0	3.26024	1006	5.0	0.00000		5.00000	9999
3.27	0.00023	1	3.27023	999					(0.1)
	0.00023	0	3.28023	1000				1 1 1	13.11
	0.00022	1	3.29022	999					150
3.30	0.00022	0	3.30022	1000				1	CRC+

